

The
ROLLAMO



1928

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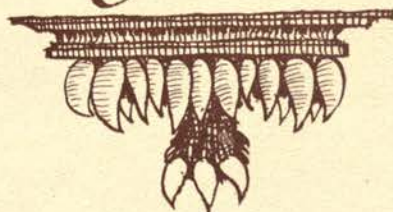
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ROLLAMO
1928



ROLLAMO

1928

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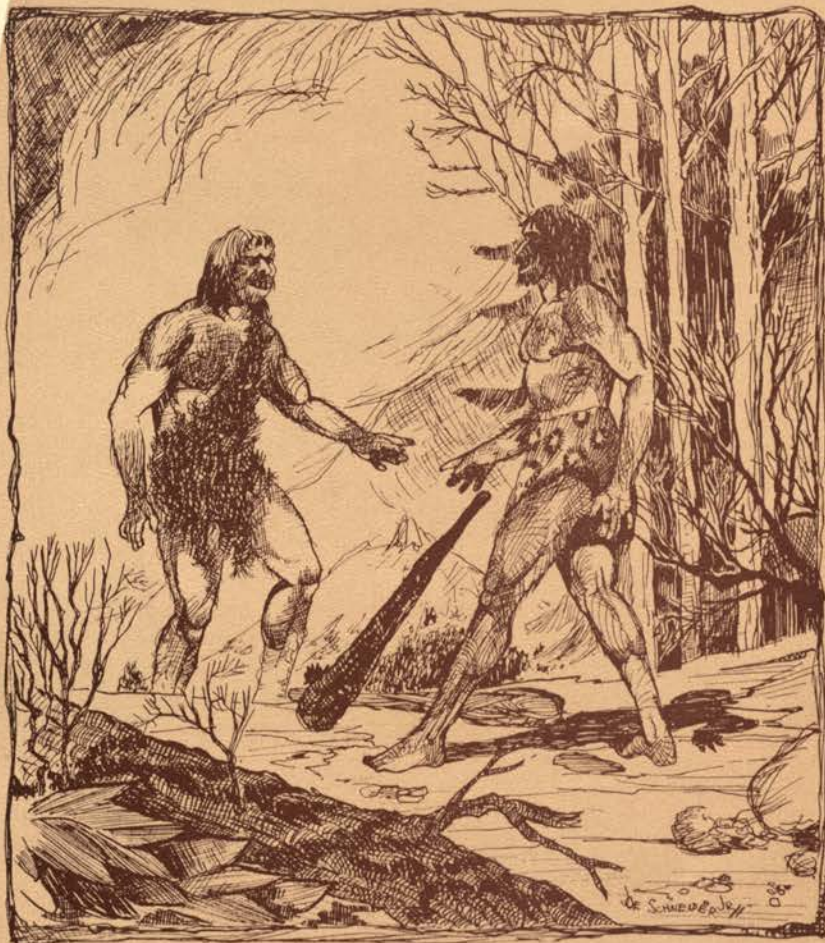


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St. Louis



The ROLLAMO

PUBLISHED BY THE
STUDENTS OF THE
MISSOURI
SCHOOL OF MINES
•• ROLLA, MO. ••

48937



FOREWORD

As
EARLY MAN DEvised WEAPONS TO SUBDUE THE ANIMALS ABOUT HIM
So
THE ENGINEER DEVISES MEANS OF COMBATING AND APPLYING THE
INANIMATE FORCES OF NATURE FOR THE ADVANCEMENT OF MANKIND.

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CONTENTS

INTRODUCTORY

CAMPUS VIEWS

- I. FACULTY
- II. CLASSES
- III. ATHLETICS
- IV. ORGANIZATIONS
- V. ADVERTISING



DEDICATION

* To that quality of man which enables him to
apply the forces and materials of nature for his
own betterment, * * * To that tool-making,
fire-keeping and implement-bearing spirit inher-
ent within him * * * To that engineering instinct
which plays a great part in his advancement * *
* * * * This book is dedicated.

In Memoriam

Carroll Burchard Cunio

Union, Missouri

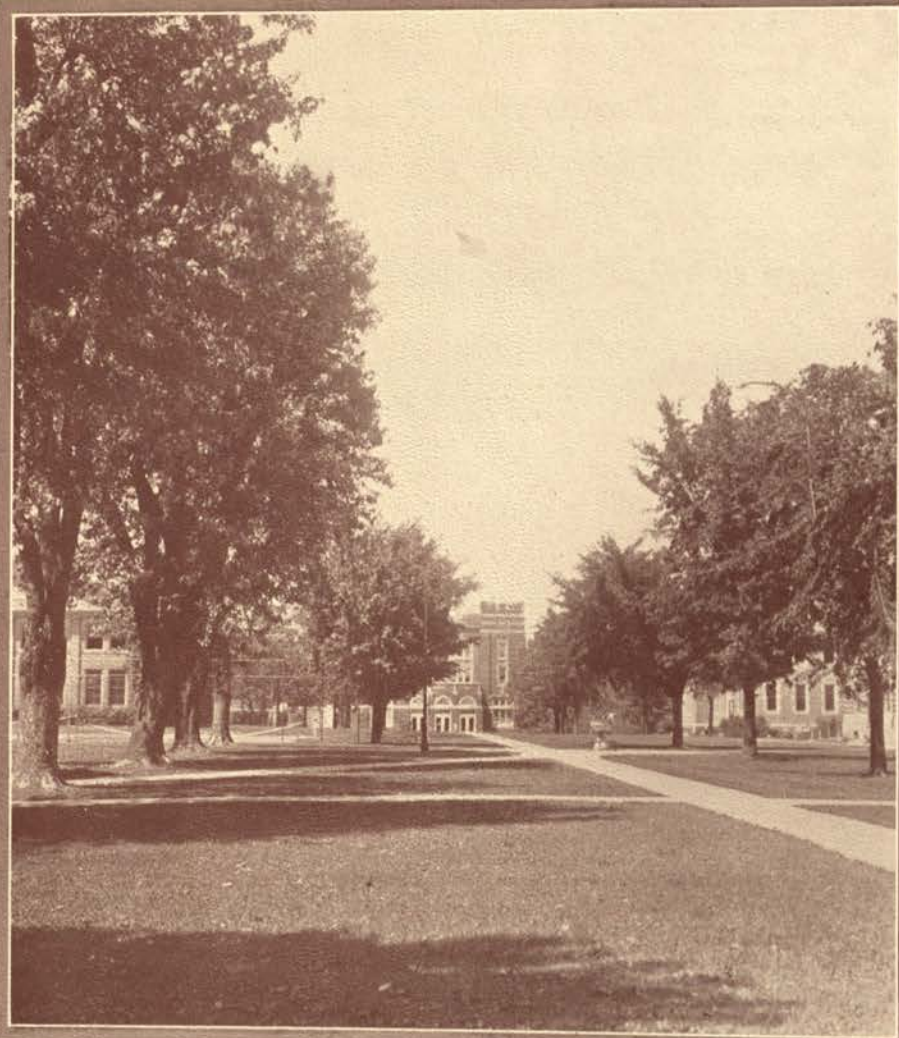
Missouri School of Mines, '25, '26

Grubstaker Club

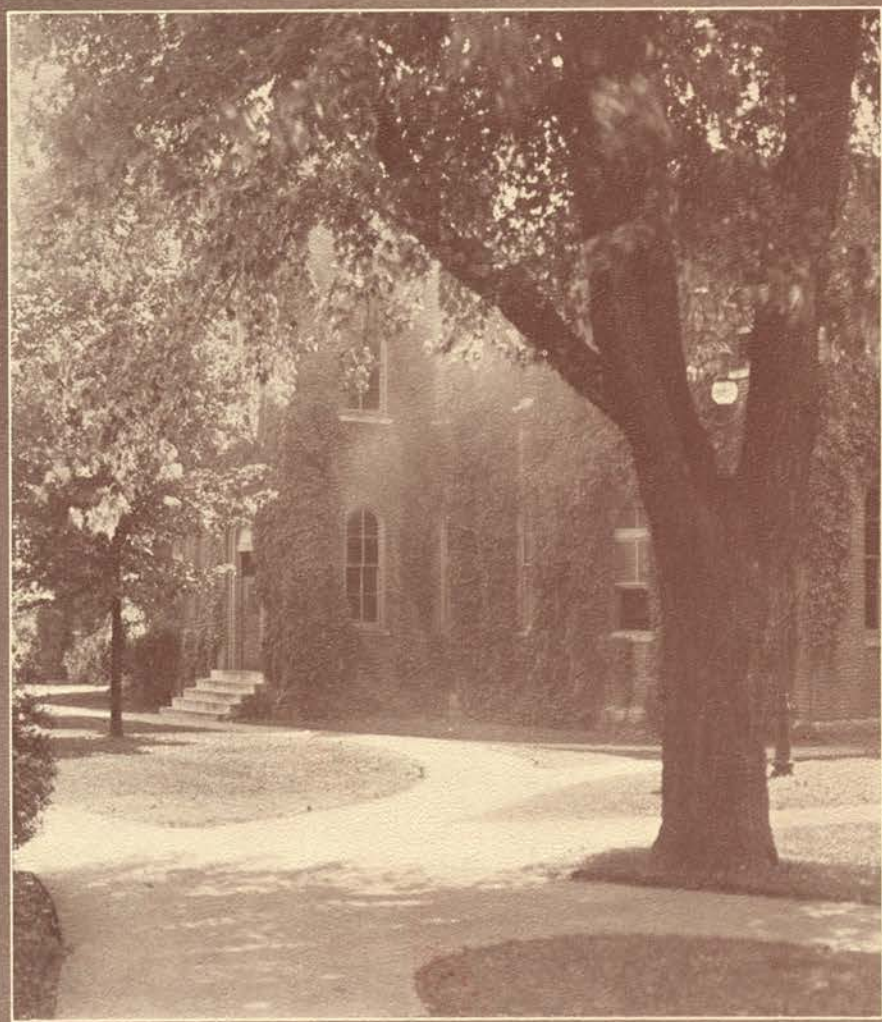
Mechanical Engineering

Automobile Accident

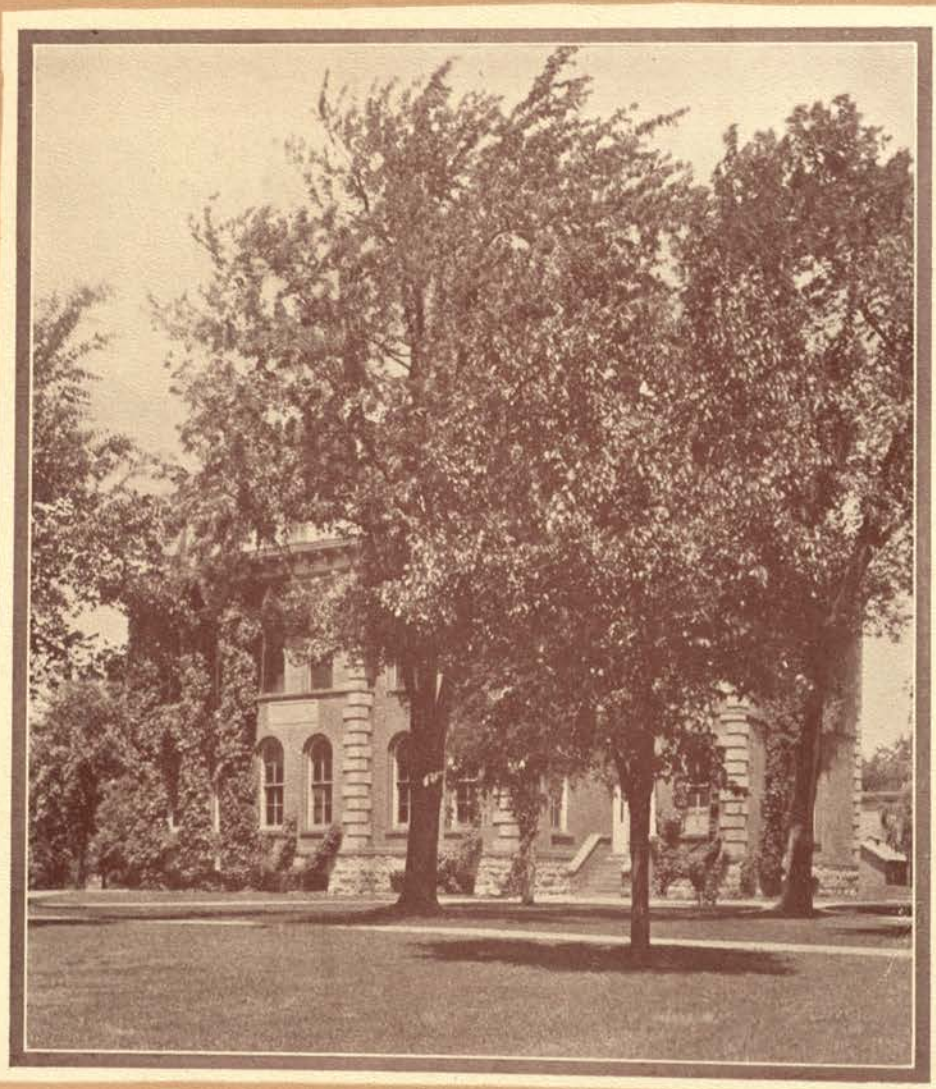
April 29, 1927



Campus



Chemistry



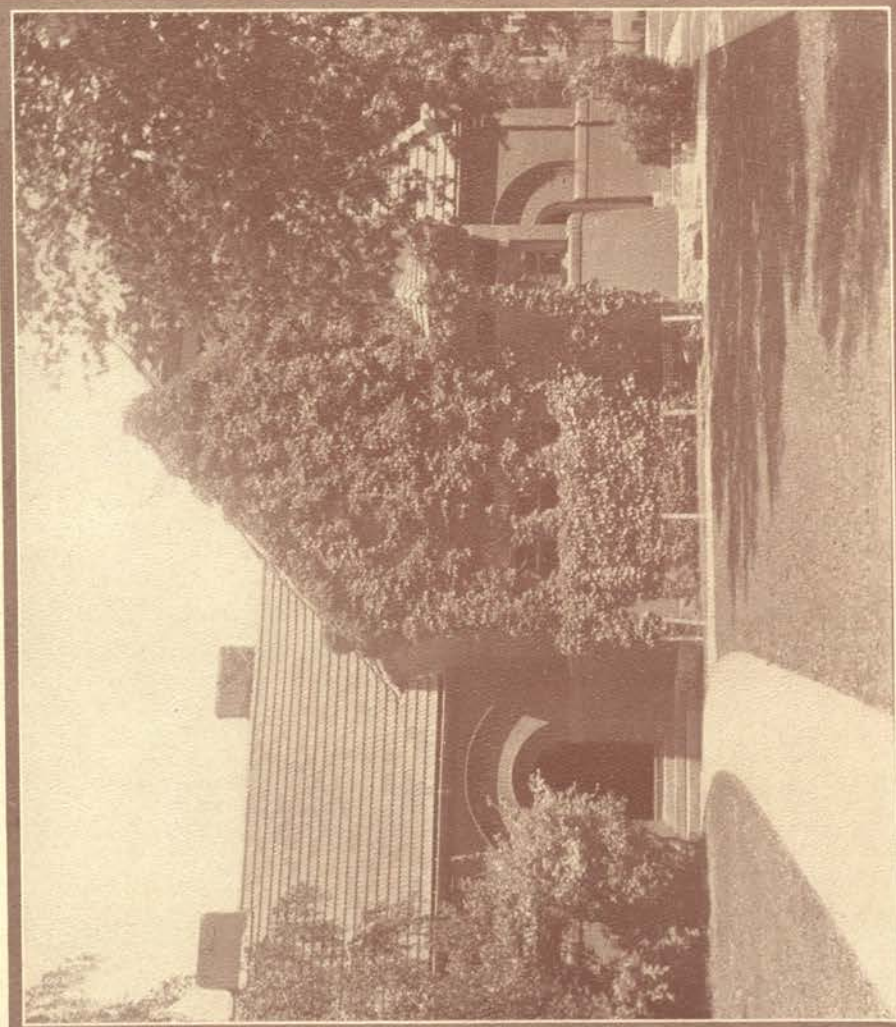
Rolla



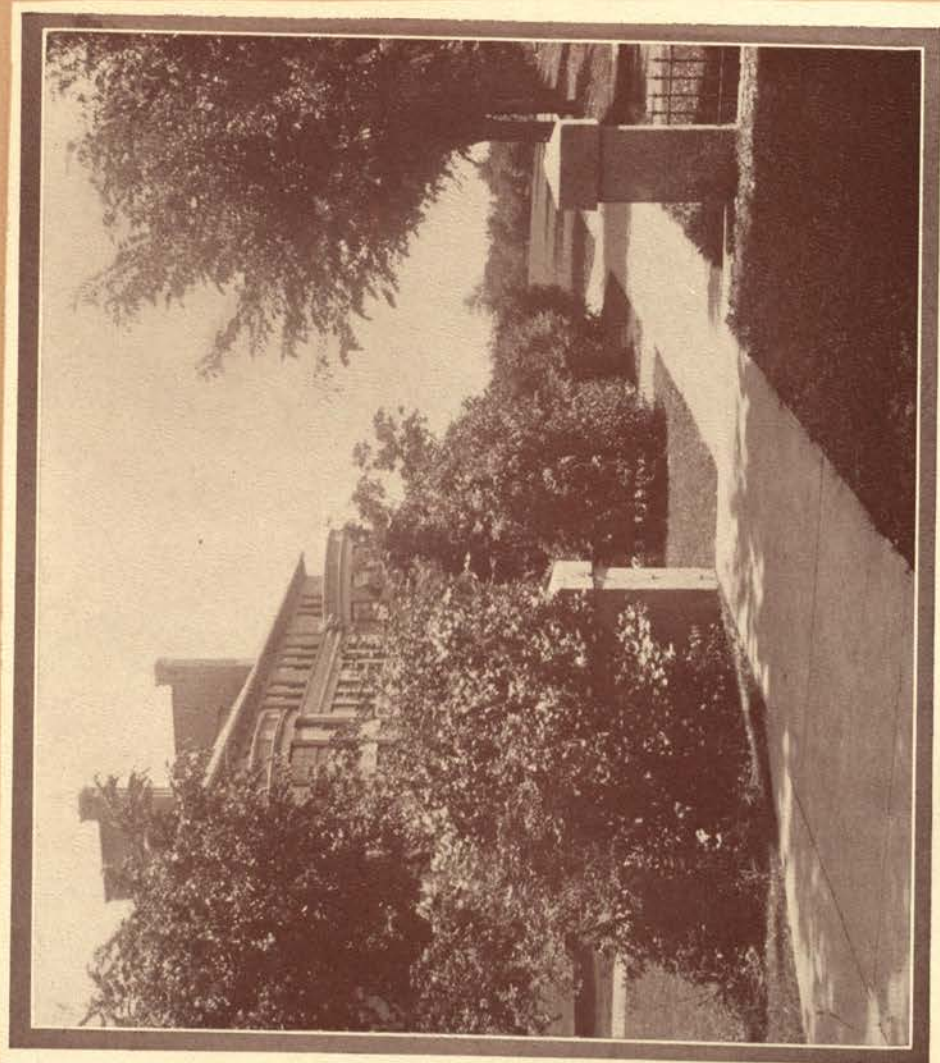
Parker



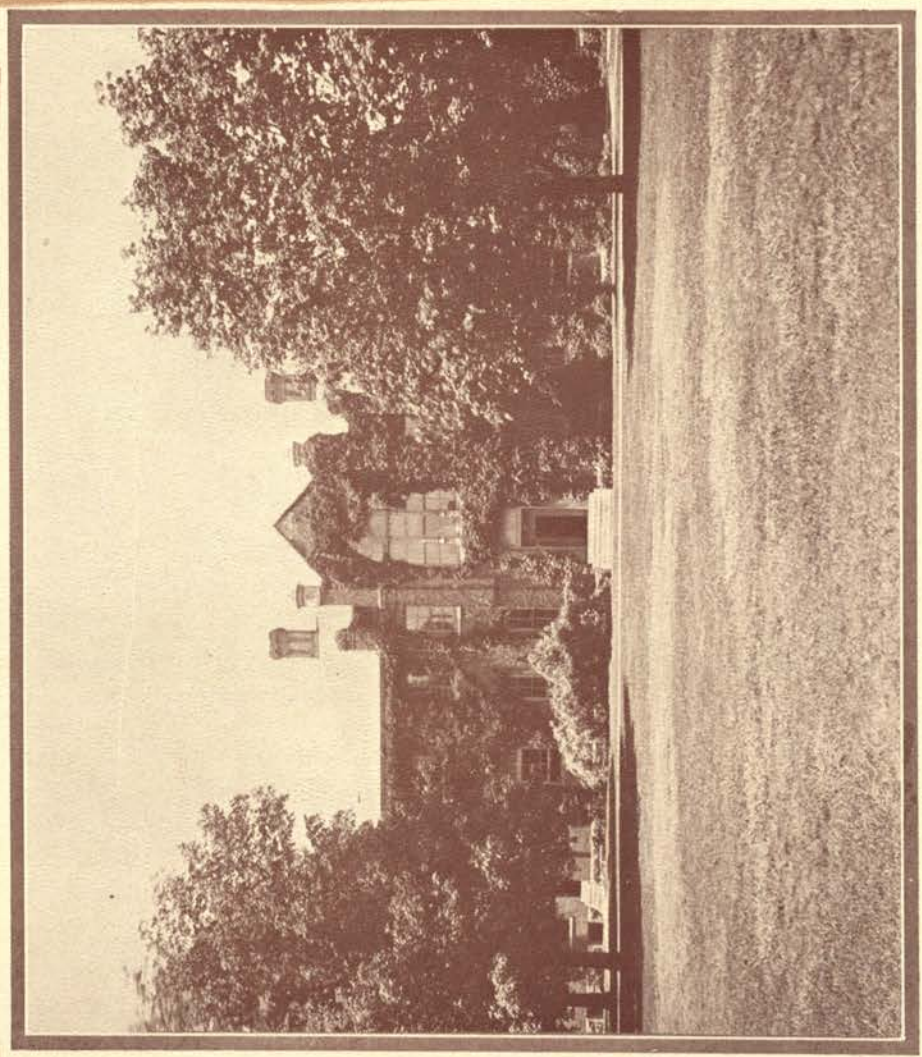
Parker



Power Plant



Norwood

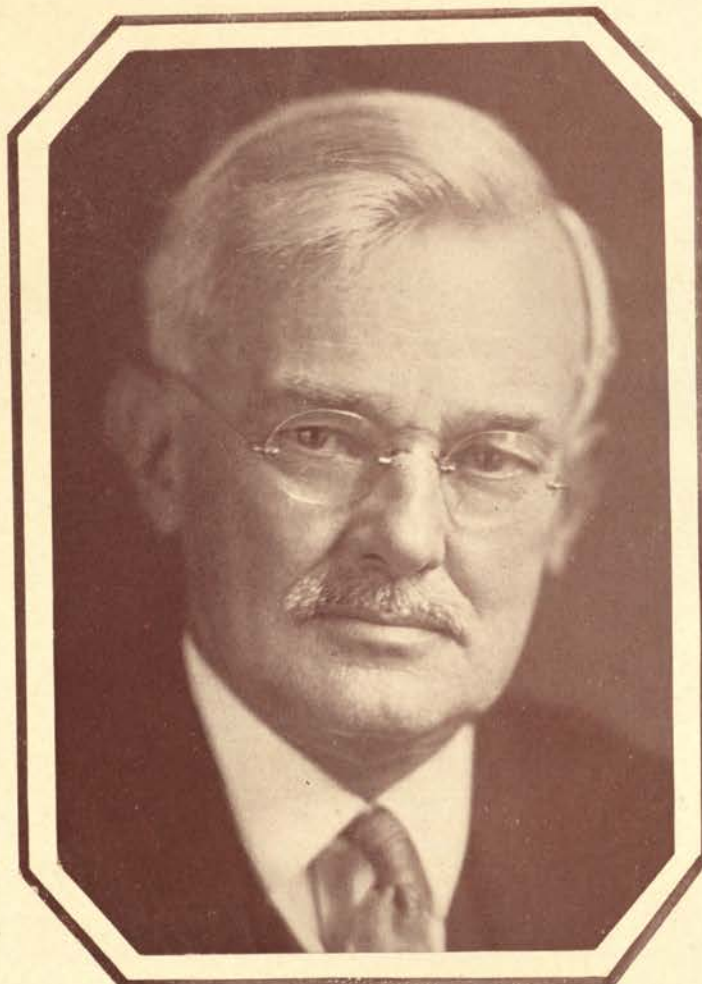


Chemistry

Engineering is the judicious application of the technical sciences to the human solution of inanimate mechanical problems.



FACULTY



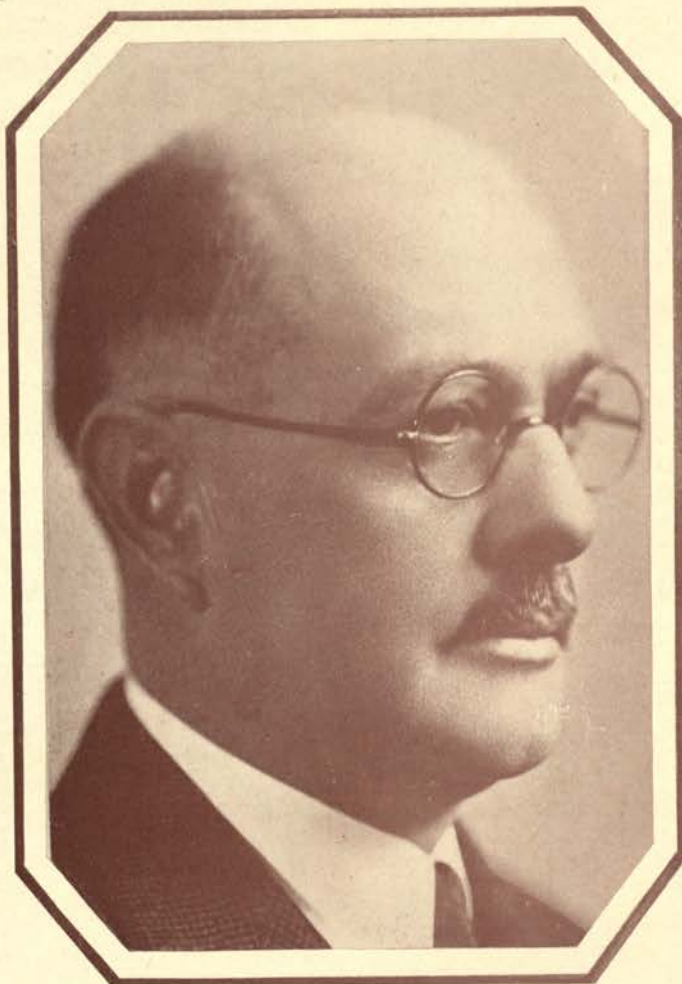
STRATTON DULUTH BROOKS

A.B., Michigan, 1896; A.M., Harvard, 1904;

LL.D., Colby, 1912; LL.D., Kingfisher, 1920.

Phi Beta Kappa, Phi Beta Phi, Phi Delta Kappa, Alpha Pi Zeta, Acacia

Principal of High School, Danville, Illinois, 1891-92; Adrain, Michigan, 1897-98; LaSalle-Peru, Illinois, 1898-99; Vice-President Central Normal School, Mount Pleasant, Michigan, 1892-93; Assistant Professor of Psychology and Education and High School Inspector, University of Illinois, 1899-1902; Assistant Superintendent, Boston, 1902-06; Superintendent, Cleveland, Ohio, January to March, 1906; Superintendent, Boston, 1906-12; President, University of Oklahoma, 1912-23; President, University of Missouri, 1923-.



CHARLES HERMAN FULTON

E.M., School of Mines, Columbia U., 1897

C.Sc. (honorary), South Dakota, 1911

Theta Delta Chi, Sigma Xi, Tau Beta Pi, Phi Kappa Phi, Theta Tau.

Member American Institute of Mining and Metallurgical Engineers; American Electrochemical Society; Assistant in Assaying, Columbia, 1898-99; Instructor in Metallurgy, University of Wyoming, 1899-1900; Professor of Metallurgy, South Dakota School of Mines, 1900-05; President, South Dakota School of Mines, 1905-11; Professor of Metallurgy, Case School of Applied Science, 1911-1920; Director, Missouri School of Mines and Metallurgy, 1920-.

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EDWARD KAHLBAUM,
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Librarian.

ESTABLISHMENT OF THE SCHOOL OF MINES

The University of Missouri was established by an act of the General Assembly of the State of Missouri, approved February 11, 1839, two days after the act establishing the public school system of the state was approved.

The University was located at Columbia, Boone County, June 24, 1839. The cornerstone of the main building was laid July 4, 1840. The spring following, April 14, 1841, instruction in academic courses was begun. The first class, consisting of two members, was graduated in 1843. Women were first admitted to the University in 1869.

In 1870 the General Assembly of Missouri, in accepting the donation of land for educational purposes made by the General Government through an Act of Congress, approved July 2, 1862, established an Agricultural and Mechanical College at Columbia, and a School of Mines and Metallurgy in Southeast Missouri.

The School of Mines and Metallurgy was located at Rolla, Phelps County. Here, in November, 1871, the school was formally opened. The first class of three members was graduated in 1874.

MISSOURI BUREAU OF GEOLOGY AND MINES

H. A. BUEHLER, *State Geologist*

The Missouri Bureau of Geology and Mines—or The Missouri Geological Survey, as it is more commonly known—has its headquarters at Rolla, and occupies the Rolla Building on the School campus.

The Geological Survey has at the present time a library of approximately five thousand volumes and pamphlets on geological and allied subjects, and a museum of seven thousand specimens of clay, coal, barite, lead and zinc ore, iron ore, and other mine and quarry products of Missouri.

The Geological Survey is organized principally to aid in the development of the mineral resources of Missouri. Information concerning these resources is gathered through observations in the field by members of the staff. Geologic and topographic maps are prepared of different parts of the state and the various formations are accurately described in accompanying reports. The relation of geology to the ore deposits is also worked out and detailed reports published concerning such investigations.

The Bureau, in co-operation with the United States Geological Survey, also maintains a water resource branch for the investigation of water power and flood prevention.

THE MISSISSIPPI VALLEY EXPERIMENT STATION
UNITED STATES BUREAU OF MINES

WILL H. COGHILL,

Metallurgist and Supervising Engineer

The laboratories of the Mississippi Valley Experiment Station of the U. S. Bureau of Mines are maintained on the campus. The research work at this station is carried on co-operatively between the Federal Bureau of Mines and the State Bureau. The purpose of this station as set forth in the co-operative agreement between the School of Mines and the U. S. Bureau of Mines is "To make investigations and disseminate information with a view to improving conditions in mining, quarrying, metallurgical and other mineral industries.

The work of the station for the fiscal year (1927 to 1928) has been concentrated along ore dressing lines, particular attention being given to the Southeast Missouri Lead Belt. Two men from the station have been placed in this field to work directly with the operators, and are being assisted from time to time by members from the station, who make frequent field trips to the district.

THE STATE MINING EXPERIMENT STATION

MARTIN H. THORNBERRY, B.S., Met.E.,

Associate Professor of Metallurgical Research in Charge of Station

It is the object of the station to conduct such original researches or to verify such experiments as relate to the properties and uses of mineral products; to investigate the engineering problems connected with the mineral industry, the economic methods of mining and the preparation of mineral products, the methods of preventing waste of the mineral resources and the methods of preventing accidents in mines, mills and smelters; to assist in improving the conditions surrounding the labor in mines, mills, and smelters; and such other researches or experiments as bear directly upon the application of mining and metallurgical engineering to the mineral industry of the State of Missouri.

During the past year over 1,600 samples of ores, clays, coals, water, asphaltum, limestones, etc., were identified, tested or analyzed in some manner by the staff of the Experiment Station for citizens of Missouri.

The State Mining Experiment Station is also co-operating with the Bureau of Mines. During the past year more than 3,000 samples have been analyzed for the Mississippi Valley Experiment Station of the Bureau of Mines.

THE MISSOURI CLAY TESTING AND RESEARCH LABORATORIES

M. E. HOLMES, Ph.D., *Director.*

The Missouri Clay Testing and Research Laboratories operate under the general direction of the Ceramic Engineering Department of the Missouri School of Mines and Metallurgy. Services of three kinds are undertaken: First, free technical advice to citizens or industries of the State of Missouri regarding ceramic problems or ceramic raw materials; second, ceramic engineering tests and chemical analyses of ceramic raw materials and ceramic products, for which service a charge is made; third, ceramic research, part of which is fundamental in character and made available to individuals and industries in the state free of charge, and part of which is applied to the special problems of individuals and industries, for which a charge is made.

The equipment and facilities of the laboratories are complete and up-to-date. All standard and tentative standard tests, as well as special tests and research are undertaken.



CLASSES

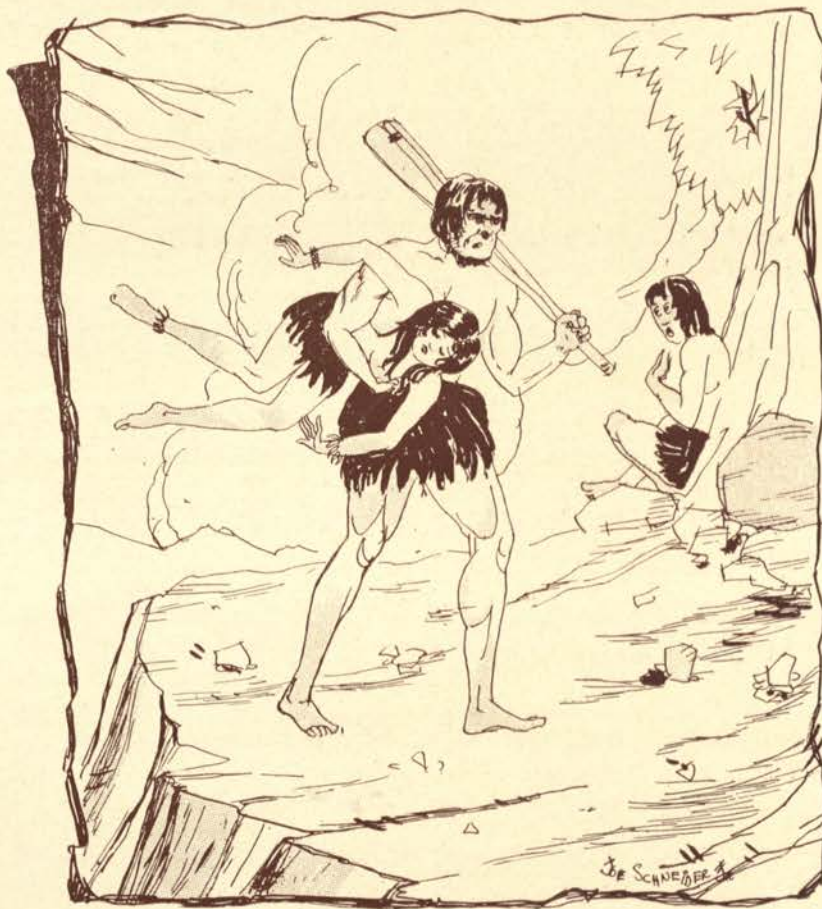
ODE TO THE ENGINEERS

Southeast across the long, broad walk
The engine building stands.
The Engineers are mighty men,
With black and grimy hands.

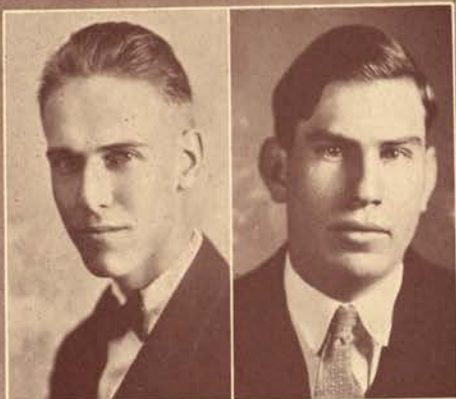
Their unshaved chins and cave-man clothes
Are marks to note them by.
Their jackets—orange, blue and red—
Afflict the passer's eye.

Each day at noon they gather round
To rest upon their benches.
While eager eyes dart up and down
To rate the passing wenches.

O! Make our buildings huge and strong,
To last through all the years.
Suffer them not to leave our midst.
Those Mighty Engineers!



SENIORS



AMBLER, CHARLES W. JR. St. Louis, Mo.
Sigma Nu Tau Beta Pi
Business Mgr. A. A.
Assistant Circulation Manager Miner
Mining

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COUCH, ROBERT W. Hannibal, Mo.
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Theta Tau Senior Council
Pres. Mining and Met. Assn.
Rec. Sec'y Tau Beta Pi
Mining



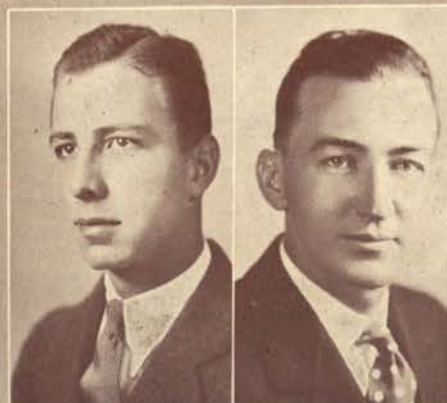
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Editor Miner
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GAGE JOHN F. Kansas City, Mo.
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Civil Engineering

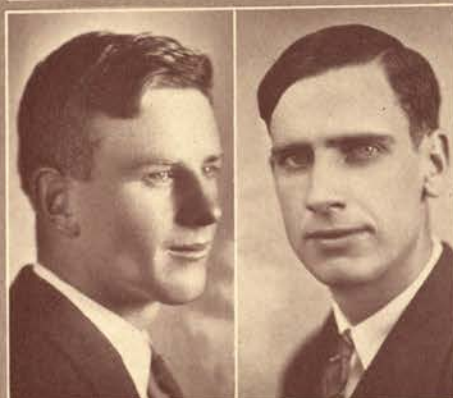
GERBER, THEODORE Columbus, Ohio
Kappa Alpha
Theta Tau
Civil Engineering

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Bonanza Theta Tau
Sec'y and Treas. Ira Remsen
Petroleum

GREEN, THOMAS H. Waverly, Ky.
Bonanza
Coal Mining



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Metal Mining

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Mercier Satyrs
Senior Council
Electrical Engineering



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Prospector
Mining Geology

HERBERT, CHARLES F. Vincennes, Ind.
Prospector Satyr
Football '26, '27
Coal Mining



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Senior Council
Civil Engineering

HISTED, HOWARD Kansas City, Mo.
President Pi Kappa Alpha
Theta Tau
Metal Mining



HODGDON, SAM D. Webster Groves, Mo.
V.-Pres. Kappa Alpha
President M. S. M. Players
Pres. Quo Vadis Senior Council
Mechanical Engineering

JOHNSON, GEORGE C. Rolla, Mo.
President Prospector
Football '24, '25, '26, '27
Electrical Engineering



KILPATRICK, HAROLD R. St. Louis, Mo.
Kappa Sigma Theta Tau
Metallurgical Engineering

KOZLINSKY, NICHOLAS L. Vladivostock, Siberia.
Prospector Tau Beta Pi
Metal Mining



LAYNE, MARK B. Higginsville, Mo.
Pi Kappa Alpha Tau Beta Pi
Circulation Mgr. Miner
Metal Mining

LATHAM, JOHN W. Marshall, Mo.
Prospector
Civil Engineering



LEDFORD, MONTE C. Rolla, Mo.
Sigma Nu
Football '25, '26, '27. Capt. '27
Track '26
Metal Mining

LIVINGSTON, JOHN J. Cedar Hill, Mo.
Independent
President Senior Council
Metal Mining

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Bonanza Tau Beta Pi
M. S. M. Players
Mining Geology

McCROREY, GEORGE T. Elvins, Mo.
Prospector
Quo Vadis Theta Tau
President Class of '27
Mining Engineering



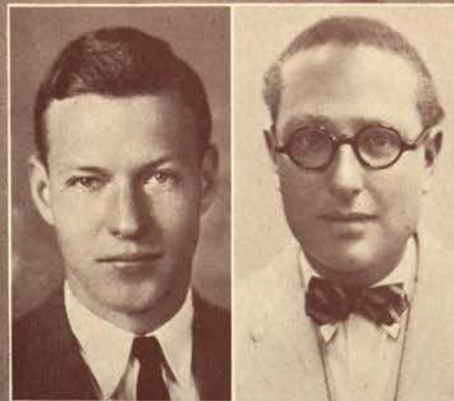
MACHIN, WILLIAM B. Bluffton, Mo.
Pres. Kappa Alpha
Theta Tau Quo Vadis
Civil Engineering

METCALF, WILLIAM L. Rolla, Mo.
Prospector Quo Vadis
V.-Pres. A. A.
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MILLER, EDWARD C. Bonne Terre, Mo.
Bonanza Tau Beta Pi
Phi Kappa Phi
Miner M. S. M. Players
Quo Vadis Senior Council
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Bonanza
President A. A. Satyrs
Track '26
Civil Engineering



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Triangle
Tau Beta Pi
Mining Geology

NEWCOMBE, HAROLD A. Rolla, Mo.
Lambda Chi Alpha
Civil Engineering



NEIDERMEYER, OSCAR

Sigma Chi
Football '25, '26, '27
Basketball '27
Metal Mining

ORR, JAMES F.

Joplin, Mo.

Sigma Nu
Mining Engineering



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Rolla, Mo.

Prospector
Quo Vadis Satyrs
St. Pat '27
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M. S. M. Players
Ceramic Engineering



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Jake Prairie, Mo.

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Tau Beta Pi Theta Tau
Phi Kappa Phi Satyrs
Mechanical Engineering

SLATES, BURL Y.

Cameron, Mo.

Independent
Electrical Engineering



SMITH, JOSEPH W.

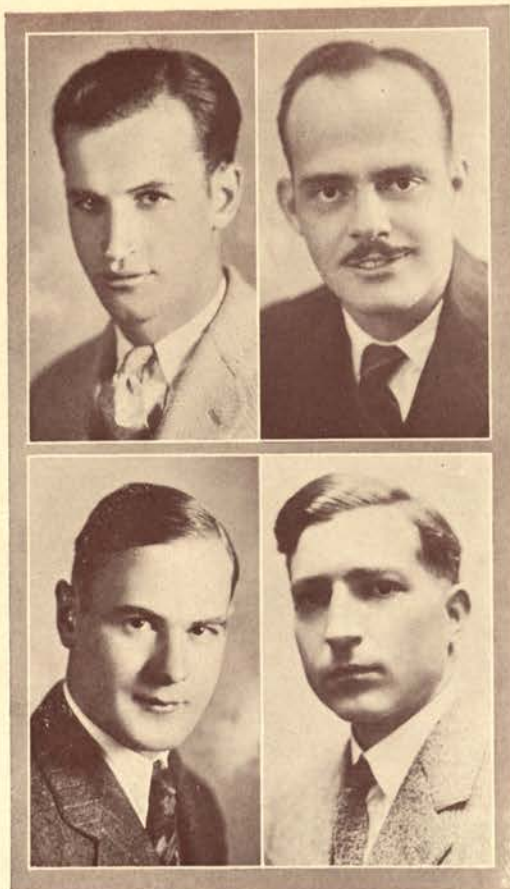
Rolla, Mo.

Kappa Sigma
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 Basketball, '24, '25, Captain, '25

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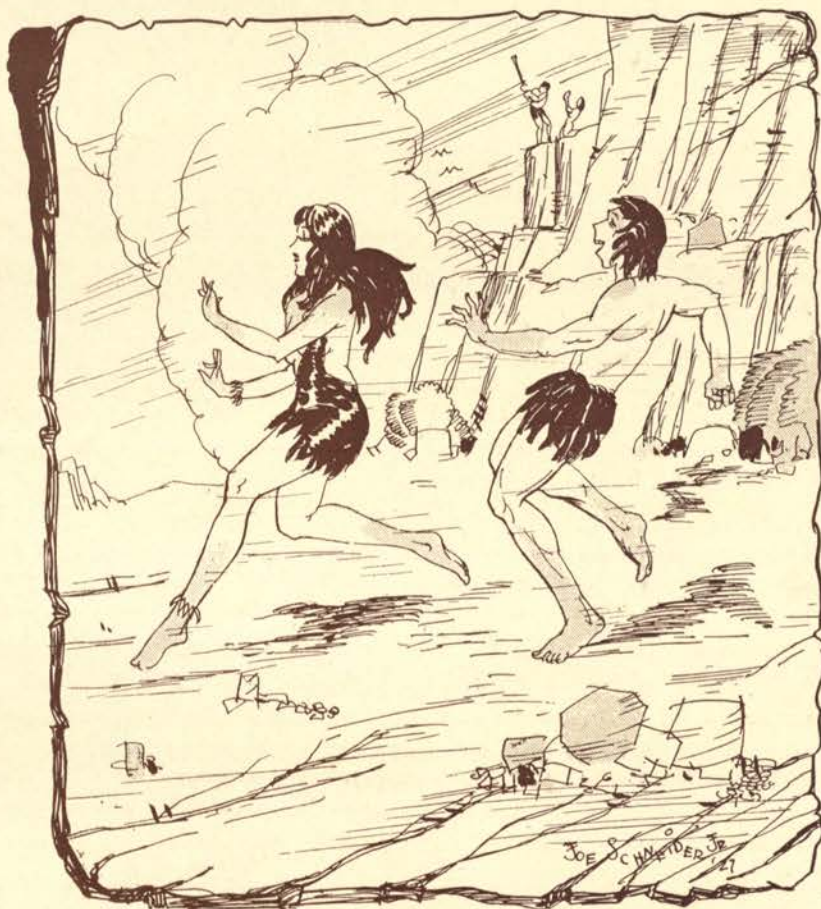
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YOUNG, ENOCH. Rolla, Mo.
 Kappa Sigma
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 Civil Engineering



JUNIORS

JUNIORS

CLASS OF '29

Many days, each filled with busy activity and purposeful industry have passed and accumulated to compose a junior year which is drawing rapidly to a close. Each college year sees the student engineer exposing himself to the education that is so generously and whole-heartedly administered at M. S. M. Passing thus, each year brings us nearer to our ultimate goal, shaping our characters and leaving many impressions, and memories that will remain with us always.

The various trials and obstacles of the junior year have been passed, and the junior class gained increasing confidence in its ability, until now it feels that it is entirely prepared and worthy to inherit the unquestioned prestige and privileges of seniors, the most important of which, it seems, is that of roaming about the campus armed always with a trusty razor of indifferent sharpness. How unusually stately and graceful the old M. S. M. water tower will appear when adorned with a huge white painted "29".

Having survived each and every one of the courses that are universally designated as the bane of the existence of every good junior, and having put on a successful "St. Pat's," the splendor of which rivaled that of any in history, the class is sure that it has enjoyed the process and every man in it feels that nothing in the near future can keep us from becoming engineers and good fellows.

In his junior year, the student is introduced to the problems, accepted customs and practical points of his chosen branch of Engineering. It is there that he may begin to use some of the innumerable things that he has been taught and to follow those lines in which he is interested.

OFFICERS

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M. C. CHRISTINE, *Vice-President*
R. H. PARKER, *Secretary*
A. H. KEMP, *Treasurer*



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Burgoa, Jose Pastor.....	Oruro, Bolivia, S.A.	Mueller, Albert.....	St. Louis, Mo.
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Coil, Benjamin R.....	St. Louis, Mo.	Orchard, Buell English.....	Springfield, Mo.
Crays, Glenn Edward.....	Baxter Springs, Ks.	Pena, Juan de la.....	Mexico City, Mex.
Daniloff, Boris Nicholas.....	Chita, Russia	Reger, James Smithey.....	Vernon, Texas
Dresbach, Chas. H.....	St. Louis, Mo.	Sharp, Melvin Alexander.....	Henryetta, Ok.
Hoertel, E. D.....	St. Louis, Mo.	Sundstrom, John Vincent.....	St. Louis, Mo.
Hollow, Walter Byron.....	Cuba, Mo.	Thompson, Mercer V.....	Portageville, Mo.

METALLURGY

Adolph, Alfred Carldon.....	Easton, Pa.	Hueter, Charles Grainy.....	St. Louis, Mo.
Couch, William Lee.....	Hannibal, Mo.	Smith, Dana Wentworth.....	St. Louis, Mo.
Godat, Edward Arthur.....	Sullivan, Mo.	Stewart, Blair W.....	Kansas City, Mo.

CIVIL ENGINEERING

Bohne, Noyles Fowler.....	Rolla, Mo.	Parker, Russell Herman.....	Eureka, Mo.
Bolon, Harry Cloyd.....	Smithfield, Ill.	Scheer, Henry Oliver.....	Holden, Mo.
Bryant, Russell Arthur.....	Rolla, Mo.	Scott, Gerald Rufe.....	Galena, Mo.
Campbell, Ralph Wilbur.....	St. Louis, Mo.	Snider, Ralph Thomas.....	St. Louis, Mo.
Dittmer, Russell Simon.....	Coatsburg, Ill.	Stull, Russe Davis.....	Ferguson, Mo.
Jennings, Caldwell Harold.....	Columbus, Ks.	Tamm, Norvin Fisher.....	Washington, Mo.
Kemp, Arthur Hall.....	Sedalia, Mo.	Tucker, Francis Edward.....	Rolla, Mo.
King, Lewis Hardin.....	Winchester, Ill.	Wenger, Francis E.....	St. Louis, Mo.
Moulder, Paul Theodore.....	Rolla, Mo.	Williamson, Joe, Jr.....	Clayton, Mo.
Osterwald, Herbert R.....	Washington, Mo.		

MECHANICAL ENGINEERING

Crawford, Ernest A.....	Webster Groves, Mo.	Miles, Aaron J.....	Potosi, Mo.
Drake, William Lee.....	St. Louis, Mo.	Morris, Orville Winfred.....	Falls City, Neb.
Fruit, Warren F.....	Fruit, Ill.	Palstring, Clarence Rudolph.....	Tyrone, Mo.
Johnson, Charles Warren.....	Rolla, Mo.	Rubottom, Thomas William.....	Desloge, Mo.

ELECTRICAL ENGINEERING

Beatty, Fred.....	Raymond, Ill.	Moore, Wilbern Thomas.....	Osborn, Mo.
English, Thomas O.....	Crane, Mo.	Page, Harry C.....	Lebanon, Mo.
Gardener, Albert Thurman.....	St. Louis, Mo.	Powell, Jephtha Thomas.....	Rolla, Mo.
Gregory, Earl Josiah.....	Benham, Ky.	Rollman, William Henry.....	Lockwood, Mo.
Gutke, Charles Everette.....	St. Louis, Mo.	Schoette, Louis Henry.....	Evansville, Ill.
Jones, Weston Crozer.....	East Moline, Ill.	Talley, George Willard.....	Arcadia, Mo.
Meshevsky, David B.....	St. Joseph, Mo.	Van Sciver, LeRoy F.....	Hightstown, N. J.

CHEMICAL ENGINEERING

Crum, Eben Jefferson.....	Virginia, Ill.	Miller, Dennis Hugh.....	Cape Girardeau, Mo.
Kern, Raymond George.....	St. Genevieve, Mo.	Miller, Russell Charles.....	St. Louis, Mo.
Kirn, Emmett R.....	Cape Girardeau, Mo.	Monsch, Henry Drake.....	St. Louis, Mo.
McCurdy, Frank Amos.....	Hughesville, Mo.	Potter, Jack.....	Greenfield, Mo.
Merckling, Ernest.....	St. Louis, Mo.	Spalding, James Aaron.....	Hannibal, Mo.

GENERAL SCIENCE

McFarland, Arthur See.....	Rolla, Mo.	Nawn, Agnes Cecelia.....	Rolla, Mo.
Mellies, Chester John.....	Owensville, Mo.		

CERAMIC ENGINEERING

Grohskopf, John Gustave.....	Owensville, Mo.	Hoertel, Frederick Wm., Jr.....	St. Louis, Mo.
Harrod, Hugo Logan.....	St. Louis, Mo.	Jones, Harlow Guy.....	Rolla, Mo.
Harvey, Edwin Theodore.....	Goldfield, Ia.		



SOPHOMORES

SOPHOMORES

CLASS OF 1930

After the close of school in the spring of 1927, the members of the class of '30 lingered about the campus and the town of Rolla to be introduced to the gentle art of surveying. The four short weeks, composed of the rare balmy days of early summer, and at least a few unforgettable nights spent in concentration on the famous Polaris which proved so elusive on certain nights, passed all too quickly. The members of the class drifted off to various parts of the country in pursuit of positions varying in character from engineering office work to occupations such as hotel "bell-hops" and day laborers. It is a certainty, however, that none of them spent the summer under gay canopies consuming quantities of pink lemonade.

In the first week of September the class was back, diminished considerably in size, but filled with strong purpose to make its second year of college a success in all respects. An urgent matter of utmost importance demanded the immediate attention of the class. It was that of providing proper reception for the class of '31. They came as numerous, it seemed, as the grains of desert sands. Nearly twice as numerous as their elders, the sophomores, they were; but history was again repeated, and tradition fulfilled when the strength of numbers of the frosh was defeated by the strategy, experience and spirit of the sophs in each of three sharp encounters on the campus. A large number of the "unlearned ones" was captured and transported by the shanghai squad to a "playground on the Gasconade." The annual class fight ended all hostilities, and at the Sophomore smoker permanent peace was made.

The sophomore class is well represented in all school activities. Many members of the class of '30 sought and achieved fame on the gridiron. Martin, Shearer, Sharp, and Lacy were awarded football letters, and in addition, Lacy has been elected Captain of next year's team. In the annual post-season football classic between the Freshmen and Sophomores the latter class was defeated in an excellent game by the superior lineup and field tactics of the frosh aggregation by a score of 19-0 which belies the closeness of the game.

Midway through this school year the second year men were accorded the distinction and privilege of being the first sophomore class to meet the formidable array of final examinations in all subjects. Having survived this trial and various other tribulations such as Prof. Dean's Calculus courses, and the educational efforts of the Physics department, the class stands ready for the hard work and responsibilities which the junior year promises.

OFFICERS

W. J. SABO, *President*
T. J. DOVER, *Vice-President*
A. BRENT, *Secretary*
E. C. LONG, *Treasurer*

The
ROLLAMO



1928

SOPHOMORE CLASS ROLL

MINE ENGINEERING

Bercher, Weindel Johnson.....Fort Smith, Ark.
Board, Orion B.....Oronogo, Mo.
Breckenridge, Charles Robert.....Union, Mo.
Brent, Allen D.....Gillespie, Ill.
Cavanaugh, Richard William.....Pawtucket, R. I.
Davis, Willard Eugene.....St. Louis, Mo.
Dowding, Edwards P.....Sedalia, Mo.
Farrar, Willard.....Bonne Terre, Mo.
Happy, Herbert Otto.....Jefferson City, Mo.
Harkes, H. C.....Marion, Ill.
Hawkins, Frank Lewis.....Poplar Bluff, Mo.
Juhre, Charles Carr.....Rogers, Ark.
Lacy, Lloyd Richard.....St. Louis, Mo.
Lacy, Roy Morris.....St. Louis, Mo.
Lee, Robert Edward.....Holden, Mo.
Barton, Jason Edward.....Bourbon, Mo.
Brand, Fritz H.....Greenfield, Mo.
Broaddus, Wayne Reed.....Chillicothe, Mo.
Doll, Arthur Joseph.....St. Marys, Mo.
Dover, Thomas James, Jr.....Metuchen, N. J.
Grafton, James Foster.....Salem, Ohio
Gregory, George Robert.....Northview, Mo.
Heath, George Fremont.....St. Louis, Mo.
Hoggard, Amos William.....Portageville, Mo.
Kitchen, John Evans.....Rolla, Mo.
Koch, Albert Edward.....Rolla, Mo.
Long, Edgar Carroll.....Rolla, Mo.
McCarthy, Felix Powers.....Hannibal, Mo.
Martin, Roy Samuel.....Butte, Nebr.
Moore, Percy Elliott.....Eldon, Mo.
Murphey, Maurice Francis.....Webster Groves, Mo.
Owen, Phillip E.....Mill Grove, Mo.
Pickles, Louis William.....Duluth, Minn.
Richardson, Ralph L.....Ft. Scott, Kan.
Reeve, Lowell Everett.....Roodhouse, Ill.
Regenhardt, Edward Taft.....Cape Girardeau, Mo.
Ross, Charles Edward.....Orrick, Mo.
Rucker, Booker Hall.....Rolla, Mo.
McCumber, John Lee.....Hughesville, Mo.
McFann, Kenneth Henry.....Eldorado, Ark.
Mudgett, Philip Boyd.....Union, Mo.
Murray, Francis Thomas.....Rock Island, Ill.
Page, Clifford Franklin.....Harrisburg, Nebr.
Ray, Eugene Monroe.....Rolla, Mo.
Rifat, Fred.....Constantinople, Turkey
Rydstrom, Richard.....St. Louis, Mo.
Shearer, Andrew Clyde.....Columbus, Kan.
Sherrill, Robert Bruce, Jr.....Vernon, Texas
Stone, Spencer A.....Chillicothe, Mo.
Wolff, Sol.....St. Louis, Mo.

METALLURGY

Thomas, Myron Ford.....Cleveland, Ohio
Watson, Edward William.....East St. Louis, Ill.

CIVIL ENGINEERING

Alexander, Verne.....Chaonia, Mo.
Allen, Robert B.....Clinton, Mo.
Schultz, Francis Benehardt.....Corning, Mo.

Traylor, Winston Randolph.....Ramsey, Ill.
Whinrey, Walter William.....Halltown, Mo.
Wallace, Hoyt R.....St. Louis, Mo.

MECHANICAL ENGINEERING

Bailey, Houston Gibbs.....Joplin, Mo.
DeFoe, Jonathan Cain.....Sedalia, Mo.
Gast, Robert Ray.....Webster Groves, Mo.
Kirkpatrick, Ruel Lee.....Gainesville, Texas
McCaw, Charles William.....Rolla, Mo.
McCormick, Raynard.....Ft. Scott, Kan.
Morgan, Thomas Randolph.....Odessa, Mo.
Sabo, William Joseph.....Warren, Ohio
Schuchmann, Philip Gard.....Eldon, Mo.

ELECTRICAL ENGINEERING

Bailey, Frank William.....Joplin, Mo.
Berry, W. J.....Cape Girardeau, Mo.
Douglas, George Washington.....Brookport, Ill.
Grimm, Claude James.....Rolla, Mo.
Harrington, Frank Rice.....St. Joseph, Mo.
Hartnagel, Wesley Irvin.....Webster Groves, Mo.
Heiser, Alfred Phillip.....Kansas City, Mo.
Kirkpatrick, Harry Frederick.....Jamesport, Mo.
McNail, Robert Donald.....Hayti, Mo.
Meeka, Edward.....St. Louis, Mo.
Olenhouse, William Hoff.....Chillicothe, Mo.
Palmer, John N.....Springfield, Mo.
Sharp, William Thomas.....Henryetta, Okla.
Smith, Clifton.....Cowgill, Mo.
Tennies, L. Grant.....Little Valley, N. Y.
White, George Conger.....St. Louis, Mo.
Woodman, Eugene Harvey.....Rolla, Mo.
Zell, Roy Albert.....St. Louis, Mo.

CHEMICAL ENGINEERING

Bremmer, John Livingston.....Carrier, Okla.
Grate, Clarence William.....St. James, Mo.
Hoeman, Erwin Charles.....Washington, Mo.
Kaveler, Karl W.....St. Charles, Mo.
Palmer, Thomas Delmar.....Shreveport, La.
Payne, Richard F.....Washington, Ill.

GENERAL SCIENCE

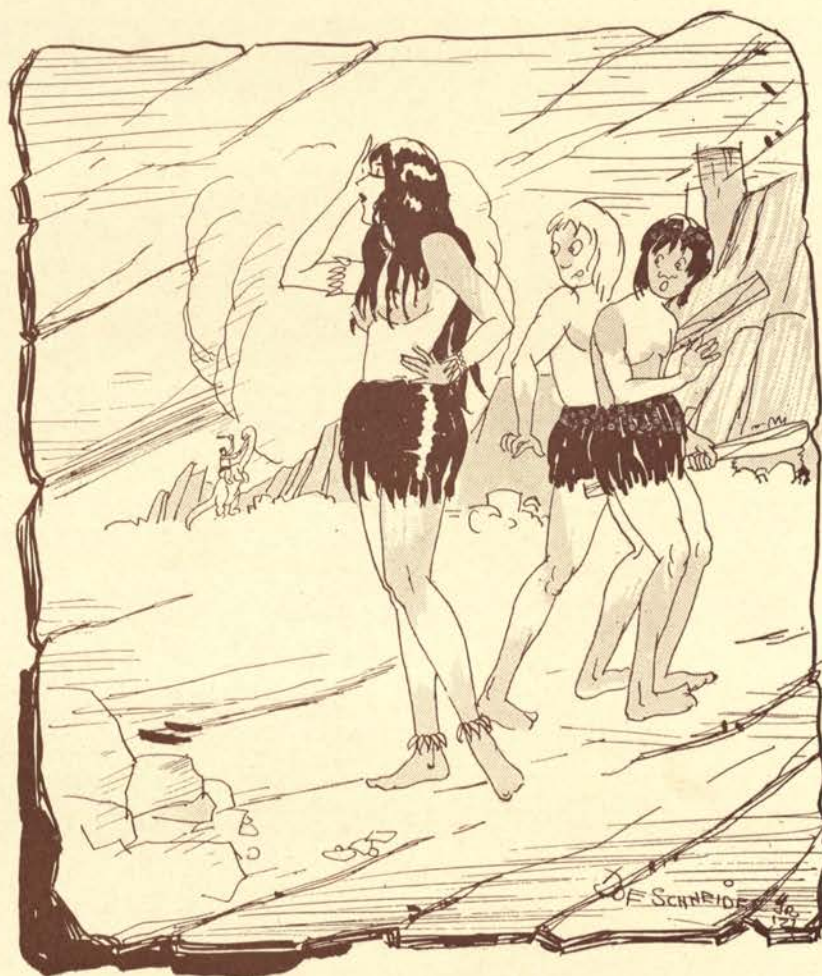
Powell, Mary Elizabeth.....St. James, Mo.
Vosloh, Frederick W.....Poplar Bluff, Mo.

CERAMIC ENGINEERING

Cirkal, Elmer Francis.....St. Louis, Mo.
Dimond, William Byrne.....Webster Groves, Mo.
Maune, Allen Richard.....Union, Mo.
Netzeband, Ferdinand Frederick.....St. Louis, Mo.
Powell, William Raymond.....Rolla, Mo.
Wallingford, Lyle Mason.....Coffeyville, Kan.

ENGINEERING

Hess, Charles Morrell.....Rolla, Mo.
McCusker, Ian Donald.....Eldora, Iowa.
Martin, Ralph Joseph.....Eminence, Mo.
Page, George Ava.....Appleton City, Mo.



FRESHMEN

FRESHMEN

CLASS OF '31

The town of Rolla, during the second week of September in 1927 presented much the same interesting spectacle as is usually to be seen at that time of the year. Belligerent Sophomores hurried hither and yon in search of unfortunate freshmen, who are uninitiated into the ways of Miners, yet willing and anxious to learn; and truly, each freshman learned rapidly in that week during which many of the class changed occupations from removing hand bills in public to fighting on campus sward, thence to a back-to-nature swim in the peaceful solitude of a Gasconade resort.

The annual class fight and circus were not enjoyed quite so thoroughly as had been the other proceedings, so it was with gladness that the class turned from class distinction to the more important matters of scholastic duties and athletics.

In all departments of school life the members of this class have been active. The class of '31 is one of the largest that has ever come to this school. Therefore, it is to be expected that a large number of men should be furnished by the class to athletics, and all other student activities. This they have done fairly well.

The men of this class have learned many of the tricks of the game and they are now well capable and worthy to have the guardianship of the traditions of M. S. M. intrusted to them in supervising the next group of freshmen who enter the school.

OFFICERS

R. Z. WILLIAMS, *President*

O. O. ANDERSON, *Vice-President*

T. V. GALBRAITH, *Secretary-Treasurer*

*The
ROLLAMO*



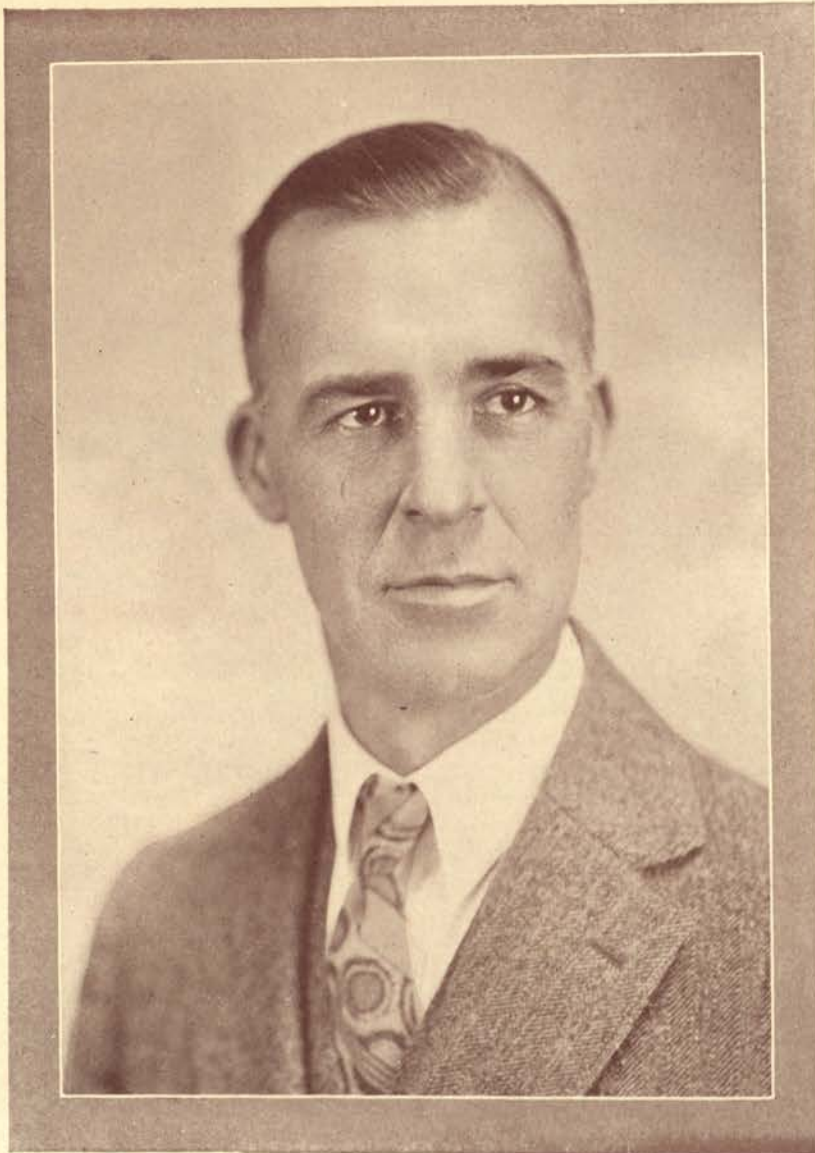
1928

FRESHMAN CLASS ROLL

Achor, William Thomas	Whiteside, Mo.	Laffoon, J. A.	Buckskin, Ind
Adolph, Norman William	Easton, Pa.	Ledford, Robert Clinton	Tulsa, Okla.
Ancell, Virgil	Higbee, Mo.	Lentz, Frederick Charles	Rolla, Mo.
Anderson, Edward Theodore	Hazelgreen, Mo.	Lidell, Max Swante	Marionville, Mo.
Anderson, Orwin O'Neil	St. Joseph, Mo.	Little, William Wallace	Springfield, Mo.
Arnold, Harold Dayne	Kinmumdy, Ill.	Livingston, Archie A.	Cedar Hill, Mo.
Ashby, Victor Marvin	Osceola, Iowa	Long, Haskell B.	Henryetta, Okla.
Ballard, Graydon Lee	Willow Springs, Mo.	Loupe, James Nelson	Washington, Mo.
Barnes, Byron Arthur	Gary, Ind.	Lovell, R. T.	East St. Louis, Ill.
Baron, Adolph Richard	St. Louis, Mo.	Lydon, Thomas Edward	Paducah, Ky.
Bartram, Earle Hildebrand	Cainsville, Mo.	McCarthy, John Edward	Bonne Terre, Mo.
Bassett, Kenneth Clay	Vienna, Mo.	McClusky, Rodney Wayne	Roseclaire, Ill.
Beatty, Ren	Raymond, Ill.	McCracken, William Lucious	Osceola, Iowa
Bertini, Marion John	Galveston, Texas	McDill, Leland Hawthorne	Sparta, Ill.
Bohne, Harold DeWayne	St. Louis, Mo.	McDonald, Pat	Bartlesville, Okla.
Bolon, Lucien Milton	Smithfield, Ill.	Mackey, Columbus	Salem, Mo.
Brackman, Paul Martin	Concordia, Mo.	Makin, William Hanseler Point Pleasant Beach, N.J.	Joplin, Mo.
Bray, LeRoy Hyer	Rolla, Mo.	Martin, Eugene Avery, Jr.	St. Louis, Mo.
Brower, Richard Alan	Bay Head, N. J.	Meckfessel, Erwin Carl	St. Louis, Mo.
Brown, George Edward	Bethlehem, Pa.	Meyer, Henry William	Potosi, Mo.
Busch, Ulrich William	Washington, Mo.	Miles, John Clem	Winchester, Ill.
Byerly, William Allen	Depue, Ill.	Miner, Edward G.	Rolla, Mo.
Campbell, Fulton Hord	Jefferson City, Mo.	Mitchell, Alfred Arthur	St. James, Mo.
Carnar, Howard Edwin	Bartlesville, Okla.	Mizell, James Oliver	Mt. Olive, Ill.
Chevalier, Charles Russell, Jr.	Washington, Mo.	Moran, Sylvester William	St. James, Mo.
Conley, Jack Noble	Tulsa, Okla.	Moreland, Howard Jennings	Carrollton, Mo.
Cooper, John Milton	Baxter Springs, Kan.	Morrison, Charles Ernest	Crane, Mo.
Critchlow, Robert David	Oklahoma City, Okla.	Morrison, Edward Roscoe	St. Louis, Mo.
Cummins, Thomas V.	Velna, Dakota	Morrison, Francis Xavier	Bronxville, N. Y.
Damotte, Earl Kenneth	Granite City, Ill.	Moses, William Townsend	Vida, Mo.
Davis, Newton David	Decatur, Ill.	Mueller, William Henry	Desloge, Mo.
Davis, Warren Elwyn	Newburg, Mo.	Murphy, Horace John	Peoria, Ill.
Diver, Iris J.	Dallas City, Ill.	Naffziger, Alan	Webster Groves, Mo.
Dodson, Virgil Ivan	Newark Valley, N. Y.	Needham, Robert Joseph	Salem, Mo.
Donlon, Thomas Francis	Central Islip, L.I., N.Y.	Nelson, Carl Orby	Denver, Colo.
Eaton, Harry Mosteller	Desloge, Mo.	Nicodemus, Wishart	St. Louis, Mo.
Fields, Vaughn	McAlester, Okla.	Pace, George Mallotte	Elmira, N. Y.
Fisher, Frank Raymond	Point Pleasant, N. J.	Park, Ralph Shappee	St. Louis, Mo.
Followill, Bemis Smith	Rolla, Mo.	Pertici, Andrew Louis	St. Louis, Mo.
Foreman, Mora Alonzo	Rosiclare, Ill.	Picco, Peter Joseph	Orrick, Mo.
Fox, Lyman Bernard	Sikeston, Mo.	Pointer, Ray D	Rolla, Mo.
Gaffey, Troy Milton	Parsons, Kan.	Powell, Anna Orma	St. James, Mo.
Galbraith, Thomas Vernon	Chicago, Ill.	Powell, Frances Adelle	Crocker, Mo.
Garrison, Robert Douglas	Eldorado, Ark.	Pummill, Loyd Frank	Kansas City, Mo.
Gerling, Richard Russell	St. Louis, Mo.	Rainey, L. E.	Henryetta, Okla.
Gibbons, Howard Thomas	Canton, Ill.	Reid, Allen John	Hibbing, Minn.
Gilmore, William Edward	Youngstown, Ohio	Rogers, Vernon Clifford	St. Joseph, Mo.
Gott, Everett Gordon	Cleveland, Ohio	Rucker, John Bell	St. Louis, Mo.
Gouchenour, E. W.	Ocean Beach, Cal.	Rydstrom, Richard	Plainview, Neb.
Gottsberger, James Banker, Jr.	St. Louis, Mo.	Salyers, Robert Otis	East St. Louis, Ill.
Graening, Melvin Herman	Dundee, Ill.	Saunders, C. R.	St. Louis, Mo.
Gunther, Arthur Werner	St. Louis, Mo.	Scally, Joseph Edward	Eagle Pass, Texas
Hagerty, Robert Lee	Libertyville, Ill.	Schofield, Wilbur Brooks	Grandview, Mo.
Hall, Wellington Chandler	Aurora, Ill.	Shelton, John David	Puxico, Mo.
Hangosky, Clarence William	Tonawanda, N. Y.	Siler, P. A.	Jamestown, N. Y.
Harmon, James Jacob	St. Louis, Mo.	Stein, Vincent Frank	Vida, Mo.
Harrington, Charles Kelvie	Rutherford, N. Y.	Stogsdill, Lynn Dell	Hancock, Mo.
Harris, Gene Lewis	Joplin, Mo.	Stokes, James Earl	Owensborough, Ky.
Harrison, Albert	Benton City, Mo.	Stone, Rex W.	Graytown, Ohio
Hassler, Milburn	St. Louis, Mo.	Strong, Elwyn Baker	McClure, Ill.
Heilig, Erfert Warren	McClure, Ill.	Sullivan, Thomas Joseph	St. Louis, Mo.
Hell, Charles Henry	Rolla, Mo.	Taylor, Samuel Ellsworth	St. Louis, Mo.
Hell, Ruby Eliza	Rolla, Mo.	Terry, Jack Mortimer	Kearney, Neb.
Herrell, Robert Reasor	Bartlesville, Okla.	Thompson, Chester Clinton	St. Louis, Mo.
Herron, Henry Rickel	Kirkwood, Mo.	Tiefenbrun, Alfons Joseph	Concordia, Mo.
Beuchan, Robert Marvin, Jr.	Webster Groves, Mo.	Tiemen, Martin George	Wood River, Ill.
Hewlett, Julia Wadsworth	Eldorado Springs, Mo.	Tompach, Stanley John	Conran, Mo.
Hill, Harold Charles	Kewanee, Ill.	Totty, Vernie Stephen	Macon, Mo.
Hill, Hugh Ira	Marionville, Mo.	Towse, William Rutherford	Troy, Mo.
Hiller, V. T.	Columbus, Kan.	Trail, Nicholas	Utica, N. Y.
Hoffman, Emil	Sarcozie, Mo.	Treible, Bruce Wilson	Rolla, Mo.
Holladay, William Boyd	Springfield, Mo.	Trotter, Paul J.	Bloomfield, N. J.
Honnald, Lawrence Edgar	Orrville, Ohio	Tuttle, Lauren Preston	Rolla, Mo.
Horrom, Argo Kenneth	Rolla, Mo.	Ueltzen, Max Edward	East St. Louis, Ill.
House, James Andrew	Marionville, Mo.	Ullrich, Gilbert William	Rolla, Mo.
Hubbell, R. T.	Braggs, Okla.	Underwood, Effie Everance	Flat River, Mo.
Hudson, Richard G.	Moweaqua, Ill.	Wade, Rolla Theodore	Ethel, Mo.
Ibarra, Juan Manuel	Saltillo, Coah. Mexico	Wainscott, Julia Corinth	Elgin, Ill.
Jackson, Howard Henry	Mt. Carmel Ill.	Walter, Edwin George	Coffeyville, Kan.
James, Marvin Roster	St. James, Mo.	Webster, Dale Avon	Edwardsville, Ill.
Jenkins, William Lyman	Tampico, Ill.	Wentz, Charles Alvin	Kirkwood, Mo.
John, Ellsworth Homer	St. James, Mo.	White, Charles Sprague	Rolla, Mo.
Johnson, Harold Welsh	Hightstown, N. J.	Williams, Rex Zadok	Islip, N. Y.
Kauffman, Robert Sinclair	Lewistown, Pa.	Wilson, Henry William	Crane, Mo.
Kelly, O. A.	Tulsa, Okla.	Wilson, Loren Alexander	Bellmore, N. Y.
Kelly, Raymond Anthony	Granite City, Ill.	Wolfe, Henry Lawrence	Danville, Ind.
Kerr, Lucy	Newburg, Mo.	Woodward, Louis Alvin	Waynesville, Mo.
Kjar, Oliver Christian	St. Louis, Mo.	Wyrick, Howard Brown	Marionville, Mo.
Kroll, Arthur Connel	Roanoke, Va.	Young, Joe Lee	St. Louis, Mo.
Kube, Fred Joe	Gillespie, Ill.	Zell, George John	



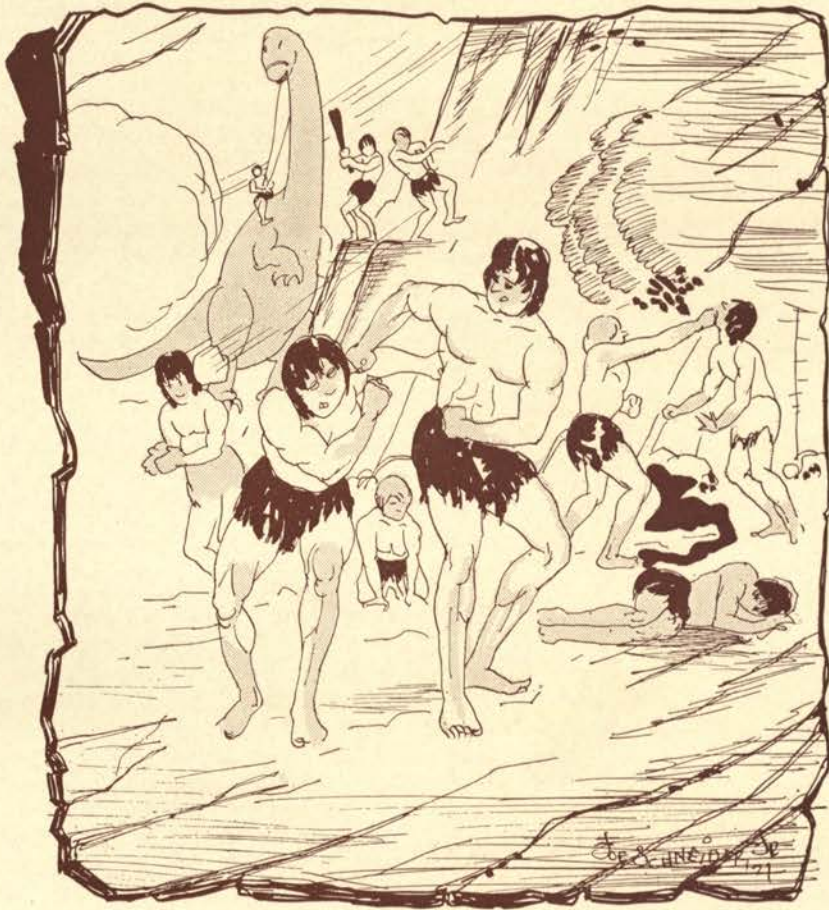
ATHLETICS



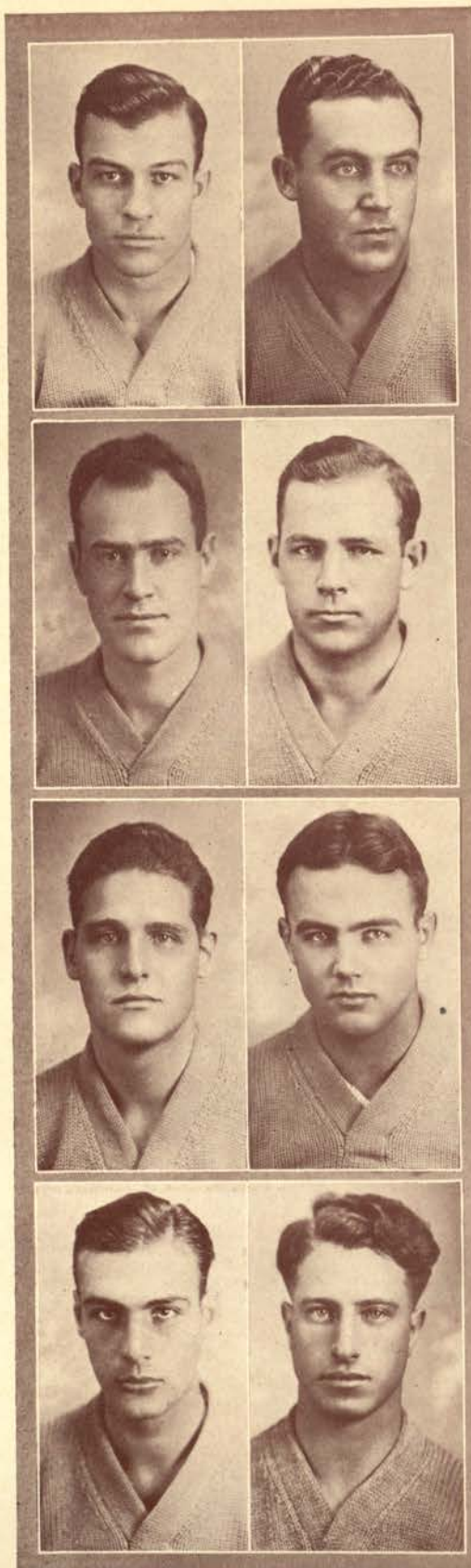
FRANK E. DENNIE

"SPIKE"

Director of Athletics



FOOTBALL



CAPTAIN M. C. LEDFORD—*Quarterback.*

Monty proved to be a worthy captain for his team-mates, and an indomitable spirit always fighting up to the final gun. His ability as a leader, his ability to pass and punt has made him a shining light in stellar play for the last three seasons.

J. O. LEMON—*Halfback.*

And thus the grizzled veteran "Jimmy," rounded out four years play on the Miner squad by winning his letter and the much coveted gold football. For a good gain thru the line or a terrific off-tackle smash, the pigskin was usually given to "Jim", who deposited the same at a healthy distance toward the enemies goal.

O. D. NIEDERMEYER—*Tackle.*

"Red's" hard hitting qualities quickly earned him a position on the '27 eleven after a late entry into training. His breaking up of enemy plays was sheer joy to M. S. M. rooters, and his ability to open holes for backfield men was phenomenal.

ENOCH YOUNG—*Center.*

An accurate passer, the prime requirement for a good center, was "Skipper's" outstanding virtue as a line-man. "Skip" is another man whose four years persistence merited him a gold football. A fighter every minute both on offensive and defensive play.

K. A. ALLENBACH—*End.*

Karl's adeptness at breaking up end runs ruined many gains for our opponents. He was also a source of danger to our enemy because of his ability to nab passes. Karl was a real mainstay in the Miner wall.

C. F. HERBERT—*Guard.*

Repeating his last season performance, "Chuck" again assumed the role of a shifty guard and played a steady game. His ability to form an immovable obstacle made him an invaluable player when the game became hard and the opponent was to be held.

F. E. TUCKER—*Guard.*

Tall and well built, "Tuck" made his weight count when the opponents tried to crash the Miner line. He has completed his third year of gridironing at M. S. M. after having won his varsity berth in his freshman year.

G. C. JOHNSON—*Tackle.*

George's stalwart play made him an important cog in the Miner machine. His heady playing and consistency won him his regular berth for the fourth season. The much coveted gold football was the honor bestowed upon Johnson for his persistent play.

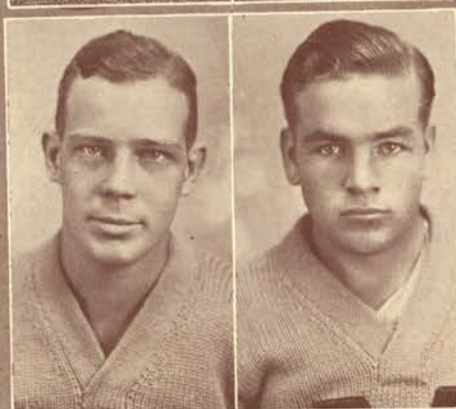


H. C. BOLON—Tackle.

Playing his third season, Harry came back to assert himself worthy of the coveted "M", by giving a fine account of himself. His weight advantage, coupled with his speed and shiftiness always gave his opponent plenty to think about, to avoid being mangled in the rush.

E. M. RAY—End.

Fast and nimble, Charley delighted in "spilling" the enemy's play to the Miner's ultimate delight, and earned his second letter in as many years. Nabbing long passes was Ray's long suit, and it gave our opponents much worry.



A. C. SHEARER—Tackle.

A terrific hitter, Shearer has played one of the best games of tackle that has been exhibited to the followers of the Golden Jerseys in a long while. After the hard luck of being out last season because of injuries, Shearer has displayed an ability which deserves praise.

W. T. SHARP—Halfback.

His line smashing and secondary defense work carried him to coveted "M" and won him to the rooters of M. S. M. His tireless spirit was the highlight in carrying the ball down the field for substantial gains. A fighter from beginning to end.



R. M. LACY—Guard.

Repeating last year's play, Lacy again played his aggressive game, with his heady work breaking up enemy plays and stopping enemy men. Fast and heavy, he had no trouble in holding down his position against all comers.

M. HASSLER—Fullback.

Conference regulations kept this husky out of the majority of our games, but we saw enough of him to know that he will be a valuable man in the future. His weight, running and passing ability were factors in both offensive and defensive play.



O. C. KJAR—Halfback.

Fast, and a good broken field runner, Kjar had no trouble in making himself known on Jackling Field. It was in the Drury game, that he gave such an extensive account of himself, scoring two touchdowns and advancing the ball far into enemy territory. Kjar is a likely star for the future elevens.

J. H. MARTIN—Guard.

Broad shouldered and built ideally for the grid-iron sport, Martin came to M. S. M. with quite a reputation, and he did himself proud with his powerful physique. When he "hit" his man he usually stayed "hit" for a while, but conference regulations barred Heber from a number of classics, in which his punch was needed.

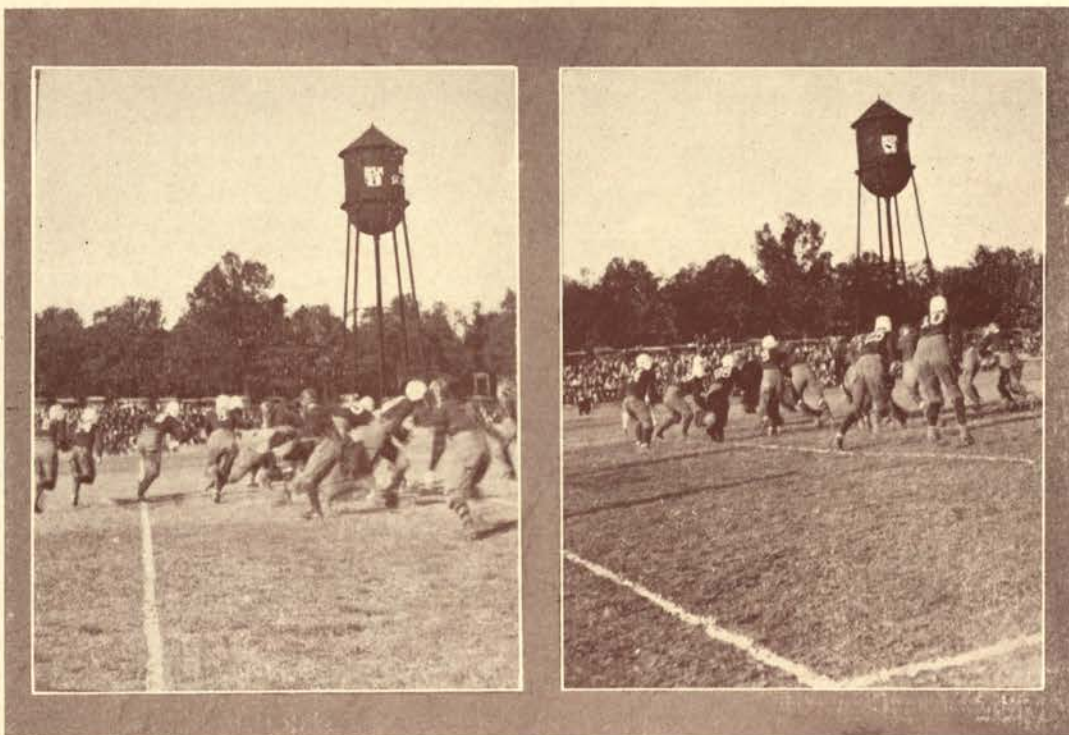


FOOTBALL TEAM

THE 1927 FOOTBALL SEASON

After the smoke of battle had cleared away, the 1927 football squad emerged from the season's activities bearing the marks of two victories, one tie game and five defeats. The cause of Dame Fortune's refusal to smile upon the "Golden Jerseyed" men cannot be laid at anyone's door. If teams were to be judged solely from the standpoint of scores we would, indeed, be in a tight place, but those who have played the game and those who have watched it persistently know that such a standard will not apply in calibrating the true merit of a team. Our men have fought hard and well this season. They have hit the line persistently, and they have held the trip-hammer attacks of stronger teams until the last gun was fired. Therein is a gauge, with which to measure any team. It is true, that against out-numbering odds they have never given up. We praise them for it. The gridiron contest which is now history has brought to light the fact that excellent material is still embodied in our Miner legion and therein we see a promise of an unbeatable team. It is unfortunate that ineligibility rulings (M. C. A. U.) prevented some of our best men from entering the games.

The McCollum clan opened the '27 season against Shurtleff College in a quagmire of mud in a nip and tuck battle. The sogginess of the turf slowed the game considerably, but nevertheless a great game of straight football was exhibited to the on-lookers. In the second quarter with the pigskin on the visitors 33 yard line, the "Golden Wave" started a march down the field that resulted in a touch-down by Lemon for the initial and last score of the set-to. The Miner line held tight and the visiting backs had trouble in penetrating the "Golden" defense. Off tackle plays and straight football were tactics used by the Miners in gaining the 7 to 0 verdict.



The M. S. M. squad journeyed to Francis Field in search of the "Bears" scalp, but with the aid of Lady Luck and a larger team than the Miners, the "ex-Pikers" were able to retain their "sky piece." As a fighting team the Miners were all there, but bad breaks gave Washington University the heavy end of the score and the McCollumites were repulsed in their annual fricassee. The game was a business of give and take, with the Miners as generous as the Bears. The Washington backs insisted on hammering the visitors' line, but it was not long before the Bears discovered that the "Big Team" had a surprisingly strong defense. Whittler, Hartnett and Bickel were the stars for Washington and were instrumental in gaining a 13 to 0 score. Thomas, Hassler, Lemon and Captain Ledford were the stellar members of the Miner legion.

The "Golden-jerseyed" McCollum Clan started like a whirlwind against Central College Eagles in the clash before visiting alumni at Jackling field. However, the veteran visiting team were equal to the task of stopping the Miners in their rush to victory, and with the aid of Gray and Bryant, visiting speedy backs, were able to turn the tide. Ledford starred for the Miners with his elusiveness and shifty running. It was a loosely played game, with neither side possessing an air-tight line. Line plunges that were real line plunges played a big part in ground gaining, but they were numerous on both sides, and coupled with the fact that the Eagles had a fast backfield that could circle the ends with plenty of interference gave the game to the visitors by a 21 to 7 score.

The Arkansas University game was a slightly lop-sided affair with the Miners putting up a scrappy fight to ward off the heavy Razor-back team. The Arkansas team was successful in putting over a touchdown in every quarter, Donovan, the Razorback's most outstanding player, running wild to score four out of the five touchdowns made. Lemon was injured in the early portion of the game, and his loss was felt keenly. Numerous substitutions in this tilt, brought forth many interesting discoveries concerning stellar substitutes.

Although the Miners put up a terrific battle in face of the St. Louis University eleven, the boys went down to their fourth defeat of the season, 17 to 0. However, the Miners outclassed the Billikens in gaining on runs, first downs, passing and total gains netted. It seemed as if fate was again present, as the opponents showed that they had the final punch needed to score. Lintzenich, Flynn and Jordan were the most conspicuous men on the St. Louis University eleven. Ledford, Thomas, and Martin were the outstanding stars for the Miner gridmen, although every man on the Miner team played a steady game. Ledford and Thomas made the large gains for the "Golden Jerseyed men," while Martin played one of the best games at guard, that has ever been witnessed on the Billiken Field.

In one of the most interesting games played this year on Jackling gridiron, the "Golden Wave" tied the Kirksville Doctors to the tune of 13 to 13. It was easily Kirksville's game during the first stanza, but it was an altogether different tale to tell during the latter half. As the gun sounded at the midway, the visitors led, 13 to 0, and looked as if they were all primed for an overwhelming victory. The shifty speed merchants Wendler and Weihle were the cause of the visitors' scoring, by their stellar ball-toting. It was tit for tat in the night cap stanza when Thomas, Ledford and Hassler went on a rampage with the pigskin to tie up the score with a touchdown in each the third and fourth quarters. Niedermeyer, Shearer and Martin were the featured linemen.

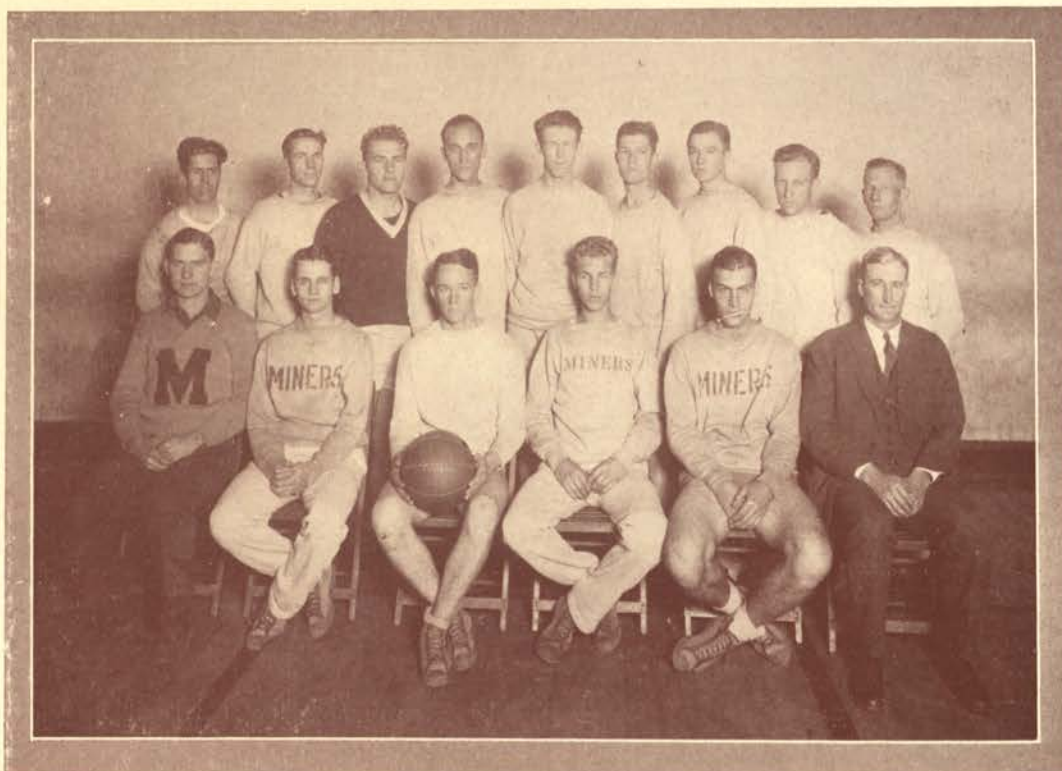
The Miner legion ventured to Springfield for the express purpose of getting the Panthers hide, and this they did to the tune of an 18 to 7 victory. Kjar was easily the star of the game, scoring two touchdowns and lugging the ball for substantial gains. McCormick also broke into the limelight in this contest, nabbing passes for nice gains. It was McCormick on the receiving end of the pass combination, Ledford to McCormick, that made the third touchdown of the game after a thirty-yard pass and twenty-five-yard run. Ray, Niedermeyer and Sharp, were the other scrappy players whose good work must be commended. De la Porte, Drury fullback, was the stellar member of the opponents' team, playing a heady game, engineering long and numerous gains.

The Conference Champions were our final visitors for the season, coming in the form of the Westminster Blue Jays. This tussle proved to be a punting duel from the beginning between Ledford of the Miners and Moore of the Blue Jays. The thrills of the game were furnished by E. Moore, the visitors' quarterback, whose specialty was ripping around the ends for neat gains. He gave several exhibitions of his wares, and coupled with excellent interference, healthy gains were frequently made. Conference rules hurt the Miners chances to down the Blue Jays and the Miners were on the short end of the score 14 to 7 at the final gun. Kjar, McCormick and Ledford were the most consistent of the Miner squad for gaining ground.

It was fate that played a large part in the games this season, and high hopes are held for the 1928 squad, in view of the material uncovered, and also for the favor of Lady Luck.



BASKET BALL



BASKET BALL SQUAD

The basket ball season of 1928 was not the most successful in the history of the institution, however, the men on the team did their best, at times showing excellent team-work, and "splurges" of quick come-back, but nearly always too unlucky to score quite enough points to chalk the game up a victory.

Starting the season with four lettermen as a nucleus, and a good bit of likely material, the coaches soon found basketeers of promise, but because of hard luck and ineligibility, many of the candidates soon dropped out leaving a fighting but somewhat handicapped team who gave their best in every conflict. The material uncovered this season bids fair to give the Miners a real team next year, and with a repetition of the material presented this year the dreams of a winning team may come true. Tamm, Tucker, Captain Miller, and Hollow were the returning lettermen this year.

LETTERMEN 1928

D. H. Miller (Captain), Guard

N. F. Tamm, Guard

M. Hassler, Guard

R. E. McCormick, Forward

F. E. Tucker, Forward

W. B. Hollows, Forward

T. H. Green, Forward

E. W. Heilig, Center

SEASON REVIEW

MINERS 18—ST. LOUIS U. 43

Nip and tuck for the first few minutes, but after that—too bad.

MINERS 22—ST. LOUIS U. 29

The Billikens took the Miners into camp, to double the revenge for last year.

MINERS 16—CONCORDIA 47

A battered and bruised team when the final gun sounded.

MINERS 28—SHURTLEFF 41

Revenge for the previous year.

MINERS 31—DRURY 35

A hard fought game, but Fortune refused to smile.

MINERS 22—SPRINGFIELD 47

The Miners fail to get going.

MINERS 31—CENTRAL 35

A real Miner scrap, but the final punch to put it over was lacking.

MINERS 38—CENTRAL 31

A victory! To spoil our perfect record. Revenge is sweet.

MINERS 30—DRURY 37

A real fight, but Lady Luck was again noticeable by her absence.

MINERS 27—CENTRAL 64

The Fayette boys went on a slight rampage and became quite familiar with the hoop.

MINERS 31—WESTMINSTER 52

A game sprinkled with plenty of fouls.

MINERS 19—WESTMINSTER 22

Just as the score indicates,—a real fight in the latter half.

MINERS 37—CENTRAL WESLEYAN 41

Another close contest from start to finish.

MINERS 37—CENTRAL WESLEYAN 40

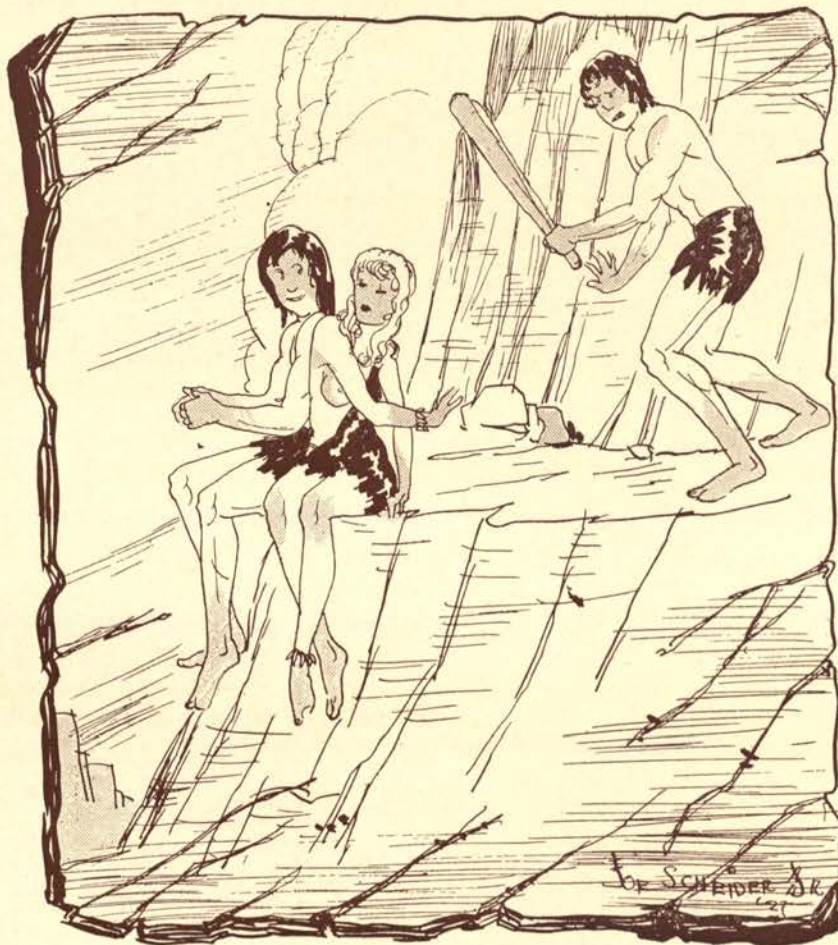
Tough! To lose another heart-breaking up-hill battle.

MINERS 30—WM. JEWELL 34

An honest-to-goodness game, with the freshmen bearing marks of battle.

MINERS 23—WM JEWELL 39

An avalanche of baskets that descended in the second half.



OTHER SPORTS

WRESTLING

Wrestling at M. S. M. this year has not been actively engaged in as a minor sport. Considerable interest has been shown in it, and training and work-outs have been held thru the greater part of the winter months.

Unfortunately it was not possible to arrange a schedule, so the team and followers of the sport were unable to demonstrate their ability. But with the members of former teams that are in school and the others who are interested in wrestling it is very probable that we would have been able to have given a good account of ourselves if the occasion had presented itself.

It is to be hoped that in the future, interest in wrestling will be renewed and that all aspiring to be grapplers will be able to show their worth in the coming years, for the wrestlers feel they have a worthy sport and want to prove it to the school at large.

1927 TRACK REVIEW

During the 1927 track season approximately twenty-six men have given their best efforts to turn out a team that the school could well be proud of, and as a result have given us the most successful team that has represented the school in several years. The season is considered an excellent success by the coaches as a review of the season will show.

New school records were established this year in the pole vault, discus throw, and the high jump.

With this year's track squad intact, with the exception of G. Johnson, for the nucleus of next year's team, and with the prospect of several new men with decided ability in our weak spots, the prospect for a successful 1928 season seems to be very bright.

Not only the letter men but the whole squad deserve much praise for the efforts and the spirit shown by their conscientious work.

In the M. C. A. U. meet the team finished fourth in a field of ten contesting teams.

LETTERMEN

G. C. Johnson (Captain)	M. J. McCauley
P. B. Mudgett	F. H. McFann
W. D. Moulder	D. U. Clark
C. W. Johnson	F. B. Schultz
N. F. Tamm	

SUMMARIES

WESTMINSTER 84, MINERS 29, CENTRAL WESLEYAN 21

100-yard dash—Sheets (W) first, Dally (W) second, Tamm (M) third.

Time: 10.4 sec.

220-yard dash—Sheets (W) first, Dally (W) second, Tamm (M) third.

Time: 22.9 sec.

440-yard dash—Griffith (W) first, Gilmore (W) second, McCauley (M) third.

Time: 53.6 sec.

880-yard run—Bozman (W) first, Schutte (C), second, Sweazey (W) third.

Time: 2 min., 6.8 sec.

Mile run—Crain (C) first, Schultz (M) second, Dumm (W) third.

Time: 4 min., 51 sec.

Two mile run—Schutte (C) first, Schultz (M) second, Crain (C) third.

Time: 10 min., 44.2 sec.

120-yard high hurdles—Botts (W) first, Griffith (W) second, Tamm (M) third.

Time: 15.8 sec.

220-yard low hurdles—Botts (W) first, Winters (C) second, Tamm (M) third.

Time: 26 sec.

High jump—Won by Mudgett (M); second Brouillette (W); third Simmons (W).

Height: 6 feet (new conference record).

Pole vault—Won by Moulder (M); second, Hoffman (C); third, Bollman (C).

Height: 11 feet 3 inches.

Broad jump—Won by C. Boyd (W); second, J. Boyd (W); third, Clark (M).

Distance: 22 feet, 6½ inches.

Discus—Won by Sexton (W); second, C. Boyd (W); third, Johnson (M).

Distance: 43 feet, 11½ inches (new conference record).

Javelin—Won by Howel (W); second, tie by McLaughlan (M) and C. Boyd (W).

Distance: 161 feet, 2 inches.

Mile Relay—Won by Westminster (Daily, Gilmore, Bozman, Griffith); second,

Miners. Time: 3 minutes, 35.6 seconds.

MINERS 83—DRURY 52

100-yard dash—Tamm, Miners 1st; Talbot, Drury, 2nd; Goss, Drury, 3rd.

Time: 10.5 sec.

Mile run—Davidson, Drury, 1st; Schultz, Miners, 2nd; Evans, Drury, 3rd.

Time: 4 min.

440-yard dash—McCauley, Miners, 1st; G. Johnson, Miners, 2nd; Gardner, Drury, 3rd. Time: 52.8.
 High hurdles—McFann, Miners, 1st; Coltran, Drury, 2nd.
 Time: 16.6 sec.
 880-yard run—Silsby, Drury, 1st; McCauley, Miners, 2nd; Anderson, Drury, 3rd.
 Time: 2 min., 5.5 sec.
 220-yard dash—G. Johnson, Miners, 1st; Clark, Miners, 2nd; Goss, Drury, third.
 Time: 23.6.
 2 mile run—B. McKinley, Drury, 1st; E. McKinley, Drury, 2nd; Schultz, Miners, third. Time: 10 min., 18.2 sec.
 Low hurdles—Tamm, Miners, 1st; Talbot, Drury, 2nd; G. Johnson, Miners, 3rd.
 Time: 26.6.
 Half mile relay—Drury: Phillips, Thompson, Goss.
 Time: 1 min., 37.6 sec.
 One Mile relay—Drury: Davidson, Evans, McCrashy, Gardner.
 Time: 3 min., 41 sec.
 Pole vault—Moulder, Miners, 1st; Grafton, Miners, 2nd; Wassen, Drury, 3rd.
 Height, 11 feet, 6¾ inches.
 Shot put—C. W. Johnson, Miners, 1st; Bolon, Miners, 2nd; Tennis, Drury, 3rd.
 Distance: 39 feet 6 inches. (Record).
 Discus—C. W. Johnson, Miners, 1st; Tucker, Miners, 2nd; Moseley, Drury, 3rd.
 Distance: 127 feet 3 inches.
 Broad jump—Clark, Miners, 1st; Dow, Drury, 2nd; Snider, Miners, 3rd.
 Distance 20 feet, 5¾ inches.
 Javelin—C. W. Johnson, Miners, 1st; McLaughlin, Miners, 2nd; Sanders, Drury 3rd.
 Distance: 158 feet, 2½ inches.

MINERS 58—SPRINGFIELD 78

100-yard dash—Robinson (S), 1st; Hamilton (S), 2nd; Tamm (M), 3rd.
 Time: 10.2 sec.
 Mile run—Dooley (S), 1st; V. Fite (S), 2nd; Schultz (M), 3rd.
 Time: 4 min., 43 sec.
 440-yard dash—Macauley (M), 1st; Windows (S), 2nd; G. C. Johnson (M), 3rd.
 Time: 53.0 sec.
 High hurdles—Tamm (M), 1st; McFann (M), 2nd; Austin (S), 3rd.
 Time: 16.5 sec.
 Low hurdles—Tamm (M), Burke (S), tied; G. E. Johnson (M), 3rd.
 Time: 27.6 sec.
 880-yard run—V. Fite (S), 1st; Osterwald (M), 2nd; Macauley (M), 3rd.
 Time: 2 min., 6.1 sec.
 220-yard dash—Hamilton (S), 1st; Robinson (S), 2nd; Clark (M), 3rd.
 Time: 23 sec.
 2 mile run—V. Fite (S), 1st; Dooley (S), 2nd; Jones (M), 3rd.
 Time: 10 min., 28.3 sec.
 Mile relay—Won by Springfield. Time: 3 min., 37 sec.
 Javelin—Tyndal (S), 1st; McLaughlen (M), 2nd; C. W. Johnson (M), 3rd.
 Distance: 165 ft. 8 in.
 Shot put—C. W. Johnson (M), 1st; Bolon (M), 2nd; Austin (S), 3rd.
 Distance: 40 ft. 1½ inches. (New meet record.)
 Discus—C. W. Johnson (M), 1st; Leonard (S), 2nd; Wise (S), 3rd.
 Distance: 125 ft., 11 inches.
 Broad jump—V. Fite (S), 1st; Russell (S), 2nd; Clark (M), 3rd.
 Distance: 20 ft., 9¼ inches.
 Pole vault—Moulder (M), 1st; Austin (S), 2nd; Cherry (S), 3rd.
 Height: 11 ft., 4 inches.
 High jump—Mudgett (M), 1st; Grafton (M), 2nd; Clark (S), 3rd.
 Height: 5 ft., 10 inches.
 Half mile relay—Won by Springfield.

INTRA MURAL BASEBALL

It was, indeed, an interesting season while it lasted, but good things never last very long, so hence the intra mural baseball season was limited in its length.

Inclement weather was a retarding factor in play in the 1927 season, and hence it was impossible to finish the season. However, the play was long enough to determine which team had the championship timber, and the four leading teams, namely: the Bonanza, Kappa Sigma, Faculty and Independent nines, clouted the ball and scampered around the bags in an endeavor to find the championship team.

The Bonanza team with the incentive of a carton of "fags" for every "circuit blow" took the lead and held it, to romp home with the title.

It would have been most interesting to finish the schedule, as a few upsets were predicted, and these upsets would have altered the standings of the teams without a doubt.

Long distance drives were all the rage this season after Chesterfields were held as bounty for every "round trip" smash.

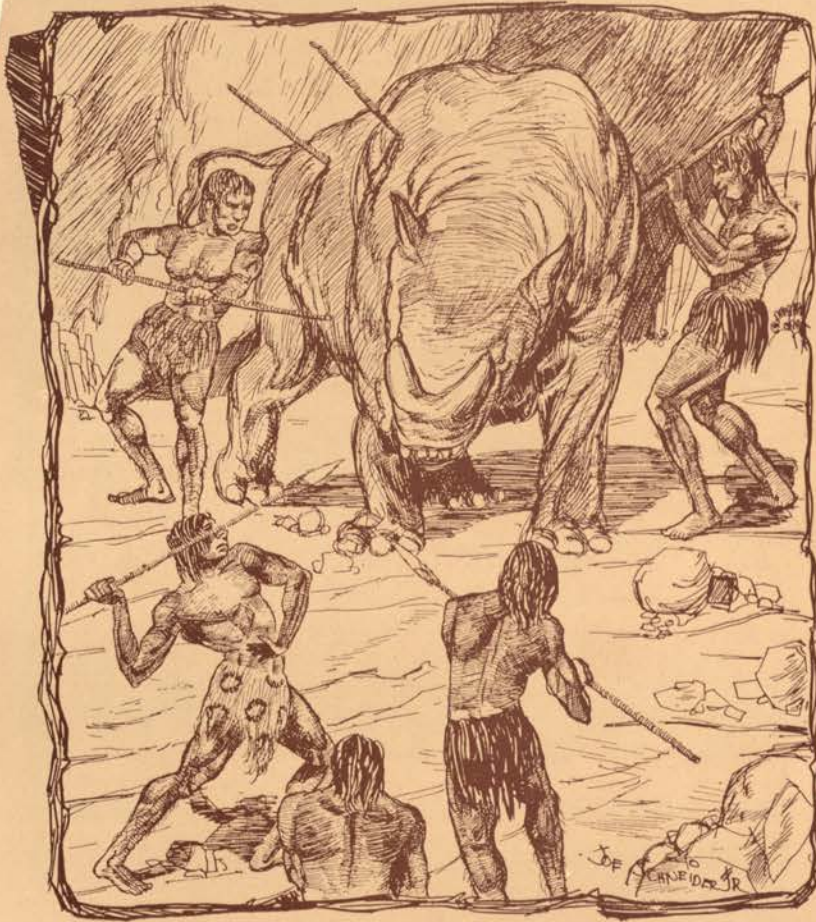
INTRA MURAL BASKET BALL

The season just ended brought to a close the most hectic year ever viewed by basketball followers of the intra mural series. In the first place, the number of upsets was appalling, after the way a number of "dark horses" had been aired by their followers. The season started off with a good loud healthy "bang," with every organization represented and each secretly planning to "cop" the trophy. Some were doomed to disappointment, however, as "dark-horses" came and departed, and it soon narrowed down to four contenders for the title. It was truly a nip and tuck race with the winner take the glory, and the devil take the hindmost. After the final battle the Pi Kappa Alpha basketeers emerged victorious from the fray after a breath taking, any team's game, to the last minute with the Sigma Nu aggregation.

The victors were truly the season's best team, by virtue of their true ability to out-score their opponents in hitting the hoop.

FINAL STANDING

	Won	Lost	Per Cent
Pi Kappa Alpha	8	1	888
Sigma Nu	7	2	777
Bonanza	6	3	666
Triangles	6	3	666
Independents	6	3	666
Lambda Chi Alpha	4	5	444
Prospectors	4	5	444
Mercier	2	7	222
Kappa Alpha	1	8	111
Kappa Sigma	1	8	111



ORGANIZATIONS

FLOW SHEET

Dry Grinding Process for the Production of Mining Engineers

Start with
80 (hogs) heads of "Raw" ore.

Crush through Entrance Requirements Mill. (set wide)

Pass through Class-Fight screen.

Add The Seven Rules of Prof. [Mann's] Dry mix
Punctuation

Under size. Middlings. Over size.

To Dump! Into Mixer (Fresh-Soph smoker)
Grind for one Semester (dry)
Screen thru 2nd Semester Finals

Under size Middlings Over size (too dense)

Let stand over summer to aid enlargement of Grain (of common sense)

Add 2Xdx of Calcic acid in Trigonal tristetrahedral crystals
in "wooden" Frame tanks

Agitate for two semesters with Dean's "Hot Air" Agitator—Volatile, Blue gas,
harmless

Pass through Rollamo Jigs to concentrate (on pan)

"Sands" "Slimes"

Dry in Faculty Driers Concentrate on Office Carpet

Dry-Grind for one semester Refined slimes Tail-Enders

Screens More Gas !!! To dump

Over size

Mix with Geology and Physics

To Dump Stir with Butler's Hydraulic agitator
Or

Pass through Garret's Mechanical "Settler"

Fuse into solid mass in Saint Patrick's crucible

Crush through a Dake's "mill" (lab. size, dry)

After standing three months pass through [Ortans] "Economic" Separator

Over "C" (ize) Under "C" (ize)

Grind and agitate (with fear) To dump

Pass through Senior [Refiner]

"F" (iness) "M" (iddles)

Through Commencement Polisher

To Market



CLUBS AND FRATERNITIES

Sigma Nu



Founded at Virginia Military Institute

January 1, 1869

Gamma Xi of Sigma Nu

Founded 1903

93 Chapters

J. A. SPALDING, *President*

C. W. AMBLER, *Vice-President*

A. L. McRAE, *Treasurer*

SENIORS—

C. W. Ambler
P. J. Boyer
M. C. Ledford
J. F. Orr
L. K. Snyder
R. C. Dodge

JUNIORS—

A. L. McRae
J. A. Spalding

SOPHOMORES—

G. F. Heath
C. C. Juhre
C. W. McCaw
W. R. Broaddus
J. H. Martin

FRESHMEN—

W. R. Schofield
G. L. Harris
J. N. Conley
A. Harrison

PLEDGES—

B. W. Stewart
R. E. McCormick
R. L. Richardson
J. M. Terry

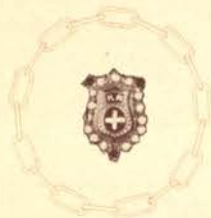


The
ROLLAMO



1928

Kappa Alpha



Founded at Washington and Lee University

December 21, 1865

Beta Alpha of Kappa Alpha

Founded April 27, 1903

66 Chapters

W. B. MACHIN, *President*

S. D. HODGDON, *Vice-President*

D. W. SMITH, *Purser*

SENIORS—

W. B. Machin

S. D. Hodgdon

J. F. Gage

I. St. J. Sturgess

JUNIORS—

D. W. Smith

R. E. Myers

H. L. Harrod

SOPHOMORES—

W. B. Dimond

R. R. Gast

F. P. McCarthy

M. F. Thomas

FRESHMEN—

H. R. Herron

L. A. Wilson

PLEDGES—

H. A. Happy

H. R. Wallace

L. E. Rainey

O. O. Anderson

R. R. Gerling

C. S. White



The
ROLLAMO



1928

Kappa Sigma



Founded at University of Virginia

December 10, 1869

Beta Chi of Kappa Sigma

Founded November 5, 1903

105 Chapters

W. B. DAVIS, *President*

AL HEISER, *Vice-President*

C. L. KING, *Secretary*

SENIORS—

W. B. Davis
E. F. Thatcher
E. C. Faulkner
T. H. Thatcher
E. Young
J. W. Smith
J. R. Heckman

JUNIORS—

C. L. King
J. S. Reger
N. S. Williams
R. D. Stull
T. O. English
R. B. Sherrill

SOPHOMORES—

R. L. Kirkpatrick
A. P. Heiser
E. C. Long
R. J. Payne

FRESHMEN—

J. L. Young
L. G. Tennies
T. M. Gaffey
T. E. Lydon

PLEDGES—

Rex Stone
L. A. Woodward
W. B. Berry

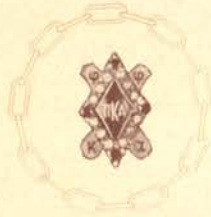


The
ROLLAMO



1928

Pi Kappa Alpha



Founded at University of Virginia

March 1, 1868

Alpha Kappa of Pi Kappa Alpha

Founded in 1905

70 Chapters

H. HISTED, *President*

H. F. TAMM, *Vice-President*

K. H. MCFANN, *Secretary-Treasurer*

SENIORS—

A. P. Berry
C. A. Freeman
W. K. Schweickhardt
M. B. Layne
H. Histed

JUNIORS—

C. E. Gutke
O. W. Morris
J. W. Sundstrom
W. J. Fruit
N. F. Tamm

SOPHOMORES—

K. H. McFann
A. R. Maune
H. F. Kirkpatrick

FRESHMEN—

R. S. Kaufman
B. W. Treible
S. W. Moran
J. N. Loupe
C. K. Harrington

R. S. Park
C. A. Wentz
P. B. Mudgett
P. McDonald
H. E. Carner



The
ROLLAMO



1928

Lambda Chi Alpha



Founded at Boston University
November 2, 1909
Alpha Delta of Lambda Chi Alpha
Founded in 1917
76 Chapters

H. H. NEWCOMBE, *President*
L. J. BURG, *Vice-President*
H. O. SCHEER, *Secretary*
E. W. WATSON, *Treasurer*

SENIORS—

H. H. Newcombe
L. J. Burg

JUNIORS—

E. J. Gregory
F. E. Tucker

SOPHOMORES—

J. C. Brown
H. O. Scheer
L. E. Reeve
E. W. Watson

FRESHMEN—

R. Z. Williams
V. Fields
R. W. McClusky
M. A. Foreman
I. J. Diver
A. J. Reid

PLEDGES—

C. M. Hess
T. J. Dover
J. E. Barton
V. T. Hiller
R. T. Lovell
J. E. McCarthy
C. R. Saunders



The ROLLAMO



Triangle



Founded at University of Illinois
April 15, 1907
Missouri Mines of Triangle
Founded December 10, 1927
14 Chapters

H. H. BRITTINGHAM, *President*
L. W. PICKLES, *Vice-President*
F. F. NETZEBAND, *Recording Sec'y*
W. I. HARTNAGEL, *Corresponding Sec'y*

GRADUATE—
J. B. Clemmer

SENIORS—
H. H. Brittingham
M. V. Healey
T. D. Murphy

FRESHMEN—
N. W. Adolph

JUNIORS—
W. L. Couch
E. J. Crum
C. H. Dresbach
J. O. Letts
D. H. Miller
R. C. Miller
H. D. Monsch
L. W. Pickles
E. T. Regenhardt
J. P. McFraw

SOPHOMORES—
R. B. Allen
W. I. Hartnagel
L. H. King
F. F. Netzeband
P. G. Schuehman
F. B. Schultz
A. C. Shearer

PLEDGES—
E. C. Hoeman
R. S. Martin
P. E. Moore
R. D. Garrison
E. G. Miner
C. C. Thompson
V. C. Rogers

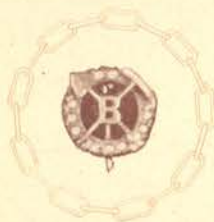


The ROLLAMO



1928

Bonanza Club



Founded, 1915

E. C. MILLER, *President*

R. K. GRANTHAM, *Vice-President*

R. S. DITTMER, *Secretary-Treasurer*

SENIORS—

E. C. Miller
H. B. Moreland
F. E. Sewell
S. A. Lynch
R. K. Grantham
T. H. Green

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M. L. Clark
R. S. Dittmer

SOPHOMORES—

J. L. Bremmer
E. M. Ray
F. W. Vosloh

FRESHMEN—

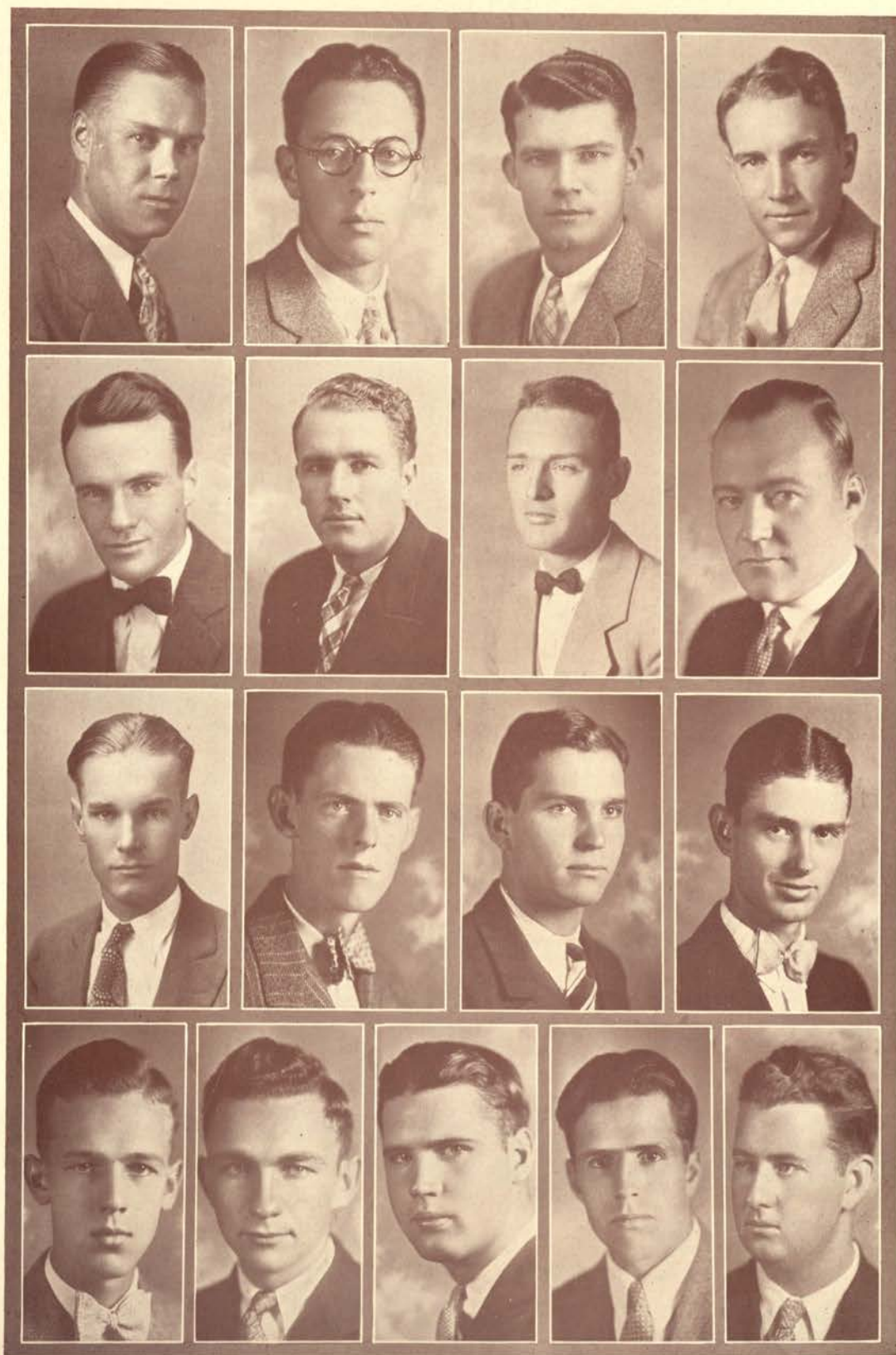
F. H. Campbell
H. M. Eaton
B. S. Followill

PLEDGES—

D. A. Webster
H. J. Murphy
E. W. Gouchenour
P. S. Trotter



The
ROLLAMO



1928

Prospector Club



Founded, 1913

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W. L. Metcalf
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G. A. Roberts
N. L. Kozlinsky

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M. E. Suhre
A. C. Adolph
G. T. McCrorey
A. Mueller
L. H. Schuette
J. Williamson, Jr.

SOPHOMORES—

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C. Smith
K. R. Neal
C. F. Page

FRESHMEN—

A. R. Baron
E. G. Gott
R. A. Kelly

PLEDGES—

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F. J. Kube
T. V. Galbraith
L. P. Tuttle
F. Rifat



The
ROLLAMO



1928

Mercier Club



Founded, 1925

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JUNIORS—

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M. J. Bertini
A. L. Pertici
G. J. Zell
R. M. Heuchen
V. T. Stein

PLEDGE—

T. J. Sullivan

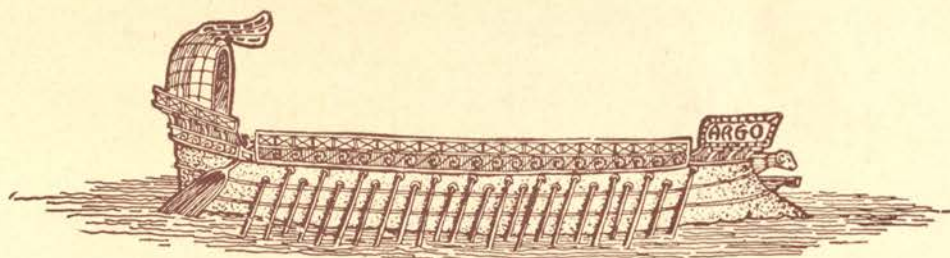


The
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1928

Argonauts



Ralph Campbell
Theta Xi—Washington

William Harlan Ode
Phi Sigma Kappa—Wisconsin

Ernest Augustus Crawford
Sigma Alpha Epsilon—Washington

William S. Temples
Delta Tau Delta—Wisconsin

Marion Alfred Dillingham
Tau Kappa Epsilon—Washington



Joe Williamson, Jr.
Theta Xi—Washington

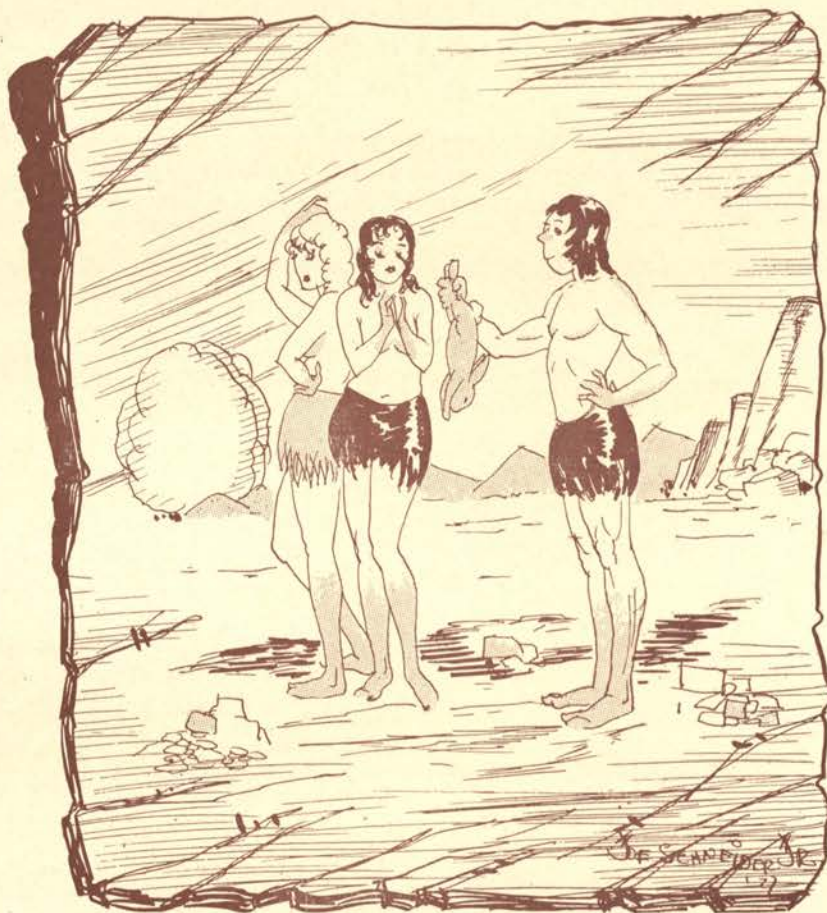
Lyman Bernard Fox
Pi Kappa Phi—Oglethorpe

Oscar D. Niedermeyer
Sigma Chi—Illinois Wesleyan

Samuel Grantham
Beta Theta Pi—Westminster

Shirley Alfred Lynch
Kappa Delta Chi—James Millikin

Harry Cavanaugh Harkes
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HONORARY and PROFESSIONAL



Tau Beta Pi

Beta of Missouri

Installed December, 1906

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V. L. Austen
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W. A. Werner

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Prof. K. K. Kershner

Prof. C. V. Mann

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Prof. D. F. Walsh

Prof. R. M. Rankin

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J. E. Antener

R. P. Baumgartner

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E. C. Miller

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W. S. Temples

C. W. Ambler

E. C. Faulkner

C. A. Freeman

H. E. Gross

J. H. Hahn

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T. D. Murphy

W. K. Schweickhardt

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Theta Tau

Iota Chapter

Installed December, 1915

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W. D. Turner

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E. C. Faulkner
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Phi Kappa Phi



M. S. M. Chapter

PHI KAPPA PHI 1927-1928

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Associate Professor of Geology
Prof. William J. Jensen, A.B., A.M.,
Assistant Professor of Physics



ON THE CAMPUS

The ROLLAMO



Quo Vadis

A No. 1 JUNGLE

COLORS: Black and Blue
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MOTTO: Please Mum
L. J. BURG *Vice-President*

FLOWER: Dog Fennel
C. B. WEISS *Secretary-Treasurer*

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"Looney III" Walters
"Boots" Clayton

"Corn" Machin
"Looney II" Metcalf
"Cornflakes" Miller
"Goose" Morris
"Gin" Page
"Gerald" Roberts
"Baldy" Temples
"Clank" Weiss
"Tutti" Fruit

"Gentleman" Sabo
"Mike" Hedley
"Felix" McCarthy

KIDS—

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"Smiley" Breckenridge
"Crusoe" Defoe
"Baby" Doll
"Hopper" Eaton
"Fritz" Hassler
"Jimmie" Hoeman
"Whozit" Parker
"Avalon" Ray
"Stew" Williamson

BOES—

"Looney I" Burg
"Tuffy" Dittmer
"Soak" Gregory
"Sam" Hodgdon
"Johnie" Huebner
"Pete" Kemp
"Jim" Letts
"Mac" McCrorey

BOES ENROUTE—
"Full" Clark
"Chew" Godat
"Oste" Osterwald
"Next" Page

1928



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of
Square and Compass

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 Mercier—P. A. Halasey
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 J. Potter
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A. R. Baron

W. I. Hartnagel

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B. R. Coil.....	<i>Assistant Editor</i>
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The Missouri Miner is published once a week. Through this medium the student body is kept informed on all matters of popular interest. Every student receives a copy of this periodical.

The
ROLLAMO



1928

48937

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American Society of Civil Engineers

The Missouri School of Mines Student Chapter was organized in the spring of 1924 by C. W. B. Sitzler. Soon after its beginning it promoted the first inspection trip for Civil Engineers. At the suggestion of the Student Chapter this C. E. Senior Inspection Trip was made a requirement for graduation becoming effective in 1926. The purpose of the Student Chapter is to further the study of Civil Engineering in the school.

The Society has a 100% enrollment of all Sophomore, Junior and Senior C. E. students. One of the interesting and beneficial phases of the Society is the reports on Engineering topics given by the Senior members of the C. E. Seminar course. During the year, the student chapter secures prominent engineers to lecture before the student body on engineering conditions.

HONORARY MEMBERS

E. G. Harris
C. V. Mann
C. E. Bardsley

J. B. Butler
H. C. Beckman
E. W. Carlton

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A. L. Hill
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F. E. Wenger
J. Williamson, Jr.
H. R. Osterwald
V. Alexander
R. B. Allen
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T. J. Dover
G. F. Heath
L. H. King
J. E. Kitchen
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P. E. Moore
G. D. Newcombe
P. E. Owen
E. M. Ray
L. E. Reeve
R. L. Richardson
C. E. Ross
B. H. Rucker
H. O. Scheer
F. B. Schultz
W. T. Sharp
S. Wolff

JUNIORS—

H. D. Adkinson
N. F. Bohne
H. C. Bolon
W. Brewer

In consequence of the existence of the Student Chapter of American Society of Civil Engineers at this school, the St. Louis and Kansas City sections of A. S. C. E. have offered a Junior Membership in the A. S. C. E. with entries and first year's dues paid to a Senior from this school submitting the best article on a Civil Engineering subject.





Athletic Association

H. B. MORELAND.....*President*
 W. L. METCALF.....*Vice-President*
 C. W. AMBLER.....*Business Manager*

ASSISTANTS

JUNIORS—

M. C. Christine
 R. S. Dittmer
 W. B. Hollow
 G. W. Talley

SOPHOMORES—

H. M. Eaton
 G. F. Heath
 C. C. Juhre
 M. F. Thomas



Varsity Orchestra

The members of the orchestra are:

"Bill" Schweickhardt, *Drums and Director*

"Ken" Gray, *Saxophone and Violin*

"Peewee" Gutke, *Trumpet*

"Fat" Potter, *Bass*

"Eddie" Smith, *Piano*

"Van" Van Sriver, *Trombone*

"Round" Cirkal, *Saxophone*

In the old game of survival of the fittest, Bill's Dutch Band has been ultra-triumphant. They have furnished rhythmic stimulant for nearly all of the social functions of the year. It is also well to remember that they gave their services to the M. S. M. Players and to the Junior Class for the promotion of St. Pat's.

M. S. M. Players

The membership of the Players for the year 1927-28 follows:

SAM D. HODGDON.....	President
R. S. DITTMER.....	Vice-President
E. C. MILLER.....	Business Manager
S. A. LYNCH.....	Property Manager
A. C. ADOLPH.....	Stage Manager
PROF. L. W. CURRIER.....	Director

FACULTY—

H. H. Armsby	L. W. Currier	J. W. Barley
--------------	---------------	--------------

STUDENTS—

R. S. Dittmer
S. D. Hodgdon
W. K. Schweickhardt
S. A. Lynch
A. L. McRae
E. C. Miller
A. C. Adolph
J. A. Spalding
N. F. Tamm
B. L. Ballard

NON-STUDENTS—

Miss Augusta Koch
Miss Betty Harlin
Miss Clara Ralston
Miss Helen Baysinger
Miss Josephine Ellis
Miss Helen Underwood
Mrs. B. Conyers

Outstanding among organizations on the campus of M. S. M., not only in individual benefit to its members and in financial aid to student organizations, but in filling a cultural need on the campus and in the town, may be placed the M. S. M. Players. The organization of the players was effected in the fall of 1921 to fill the need for a permanent organization to handle the production of the plays which were staged from time to time for the benefit of various student organizations, and to furnish entertainment to the students, faculty, and townspeople.

Membership in the organization is on a competitive basis, election being based on merit and services performed, each candidate being required to actively participate in two or more plays, either as a member of the cast or on the producing staff. Membership is also open to the young ladies of Rolla, who have manifested a keen interest in the organization and to whom much credit for the success of the Players is due.

During their existence the Players have contributed donations totalling about \$2600 to various student organizations.

Two plays have been presented by the Players this year, "The Gypsy Trail," in December, and the St. Pat's play, "The Whole Town's Talking." The accounts of these plays, as published by the "Missouri Miner" follow:

THE GYPSY TRAIL

Presenting "The Gypsy Trail," a romantic comedy by Robert Housum, the M. S. M. Players scored a big triumph in their first appearance in the present school year. The story took place in Kirtland,

Ohio, in June, and the plot consists of the attempts of a very unromantic young business man to win the lady of his choice, and how Michael, a globe-trotter, bridge builder and newspaper reporter appeared upon the scene and—well, it

makes an excellent play anyway. The cast in order of appearance follows:

Frank Raymond	J. A. Spalding
Miss Janet Raymond	Helen Baysinger
John Raymond	Joe Howerton
Stiles	L. W. Currier
Frances Raymond	Betty Harlin
Edward Andrews	E. E. Northern
Michael	O. W. Morris
Mrs. Widdimore	Clara Ralston
Ellen	Augusta Koch

The entire cast was well suited to the play, but outstanding characters were Miss Harlin, Joe Howerton, and O. W. Morris as the amiable Michael. Morris played his part with a skillfulness which places him above the amateur class. Master Joe Howerton gave a very natural and unaffected portrayal of the 12-year-old "kid brother." The success of the play was due in a large measure to the director, Prof. L. W. Currier. Other members of the technical staff were: Business Manager, E. C. Miller; Property Manager, S. A. Lynch; Business Assistant, J. P. McCarthy; Stage Assistants, A. C. Adolph, J. B. Bremmer, R. D. Garrison, and N. F. Tamm.

"THE WHOLE TOWN'S TALKING"

It can be truly said that M. S. M. possesses a most unusual and gifted group of amateur actors, judging from the play presented last Friday afternoon at Parker Hall. They supremely achieved for themselves a distinctive smoothness from the first scene to the last. It was evident that the audience was deeply impressed by the total lack of "breaks" and the manner and spirit in which the players projected their respective parts.

The cast:

Annie	Mrs. C. H. Jennings
Mrs. Simmons	Clara Ralston
Taxi Driver	C. H. Jennings
Mr. Simmons	O. W. Morris
Ethel Simmons	Betty Harlin
Roger Shields	W. F. Fruit
Chester Binnay	W. S. Temples
Sally Otis	Mary Lilian Garr
Lila Otis	Dorothy Thompson

Donald Swift	B. L. Ballard
Letty Lythe	Effie Underwood
Sadie Bloom	Dorothy Thompson

The name of the play was particularly apropos because it set "The Whole Town Talking."

The plot of the play was a particularly catching one and held the interest of the audience from the start. The time and setting were modern and the plot was of the trouble into which a sagacious business man, and father, got himself in his attempt to arrange a suitable marriage of his daughter, to his business partner. The whole play was full of dramatic episodes and humorous conclusions.

Prof. Currier is to be greatly complimented for his ability in picking and directing the play, and no little amount of the success of the play was due to his untiring efforts to put on a play that will long be remembered.

Perhaps Mr. Temples rated first among the players when it came to individual fine points and ease in reproduction of detail. The part that he played was exceedingly difficult, and he is to be commended on his perfect characterization. A close second to Temples was O. W. Morris, taking the part of Mr. Simmons. "Goose" displayed potent and latent ability in every phase of the play. He was virtually adapted to his role by nature of his sincerity in speech and vitality.

W. F. Fruit as Roger Shields and Betty Harlin playing the part of Ethel Simmons both showed exceptional talent in point of directness and clear expression. Betty did much to enliven the rest of the players with her amazing pep and brilliancy.

We could go on in a similar manner and bring out the excellent work each player did if space would permit. The best we can do is to say that the play was a complete success. And when no criticisms are forthcoming, one can be pretty sure that M. S. M. Players in the future will have to strive very hard to equal the St. Pat's presentation of 1928.

American Institute of Electrical Engineers

1927—'28

In March, 1927, the American Institute of Electrical Engineers revised their methods of conducting meetings and lectures. Upon the request of Professor Lovette we sent a delegate to the National meeting of the A. I. E. E. society at Kansas City, Mo. In 1927 Professor Lovette gave a lecture on the distribution of current in Kansas City, by method of automatic sub-stations. Professor Frame made a talk on the talking motion picture machine. An illustrative lecture was given by Paul Berry on the X-rays. A radio program was given in honor of the Freshman E. E.'s. The society has had many motion pictures from the General Electric Co. Also lectures from the Westinghouse Electric Co.

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E. J. GREGORY.....*Secretary-Treasurer*

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C. A. VanDorn

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H. H. Brittingham
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G. C. Johnson
Ervin McLauchlan

W. L. Metcalf
G. R. Roberts
Fred Beatty
T. O. English
Albert Gardner
E. J. Gregory
D. B. Meshevskey
H. C. Page
C. L. Sally
L. H. Schuette
LeRoy VanSciver
W. I. Hartnagel

*The
ROLLAMO*



1928

Independents

1927-'28

After a comparatively long period of inactivity, the Independents once more aroused themselves and began holding regular meetings which resulted in building up a compact unit which is moving to a front rank position in school affairs. The efficiency of the unit is well demonstrated in the fact that in the spring of '27 the Independents took both the Tau Beta scholarship cup and the intra-mural basketball championship. The Independents have been thrown a bit out of step during the first semester of this term, but there is no doubt but that following the Smoker and Dance that the Independents will assume and maintain the position rightfully belonging to the largest and most democratic unit in M. S. M.

C. B. WEISS *President*
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M. A. SHARP *Secretary-Treasurer*

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Mrs. Ruth V. Goodhue
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H. H. Gross
H. H. Kaveler
W. H. Ode
G. R. Scott
A. W. Walker
C. B. Weiss

H. R. Asterwo'd
H. C. Page
R. H. Parker
C. J. Potter
J. T. Powell
W. H. Rollman
T. W. Rubottom
C. D. Salley
M. A. Sharp
G. W. Talley
L. F. VanSeiver

V. M. Ashby
G. L. Ballard
B. A. Barnes
B. H. Bartram
K. C. Bassett
R. Beatty
H. D. Bohne
L. M. Bolon
P. M. Brackman
L. H. Bray
R. A. Brower
C. R. Chevalier, Jr.
E. K. Damotte
N. V. Davis
Warren E. Davis

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W. H. Mueller
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G. M. Pace
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V. C. Rogers
J. B. Rucker
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J. D. Shelton
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J. E. Stokes
S. E. Taylor
M. G. Teiman
S. J. Tompach
V. S. Totty
W. R. Towse
W. N. Trail
M. E. Ueltzen
G. W. Ulrich
Effie E. Underwood
R. T. Wade
Julia C. Wainscott
E. G. Walter
H. W. Wilson
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H. B. Wylich

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C. J. Grimm
H. O. Happy
H. C. Harkes
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J. H. Hultz
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L. R. Lacy
R. M. Lacy
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R. D. McNail
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R. S. Martin
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P. E. Moore
T. R. Morgan
P. E. Owen
G. A. Page
J. N. Palmer
W. R. Powell
C. E. Ross
J. B. Roy
B. H. Rucker
W. T. Sharp
S. A. Stone
F. W. Vosloh
G. C. White
S. Wolf
E. H. Woodman

V. I. Dodson
T. F. Donlon
F. R. Fisher
T. V. Galbraith
H. T. Gibbons
J. B. Gottsberger, Jr.
M. H. Graening
R. D. Hagerty
W. C. Hall
C. W. Hangosky
M. Hassler
E. W. Heilig
C. H. Hell
Ruby E. Hell
Julia A. Hewlett
E. D. Hoffman
W. B. Holladay
L. E. Honnold
R. J. Hopp
A. K. Horrom
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R. G. Hudson
J. M. Ibarra
M. R. James
E. H. John
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Lucy Kerr
O. C. Kjar
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R. C. Ledford
R. E. Lee
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Mary L. Garr
Martha E. Gorg
Ella M. Haas
F. H. Harlan
V. B. Hinsch
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Annabelle John
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Maude E. Lenox
C. V. Mann
R. Marcellus
Minnie Martin
Mildred L. Moody
Mrs. Virginia H. Newsham
E. E. Northern
Anna O. Powell
R. S. Rucker
Mrs. Hazel L. Scott
Mrs. Mabel E. Smith
Isabelle Stuart
Helen B. Underwood
Sarah M. Webber
Helen M. Wiese

SENIOR—

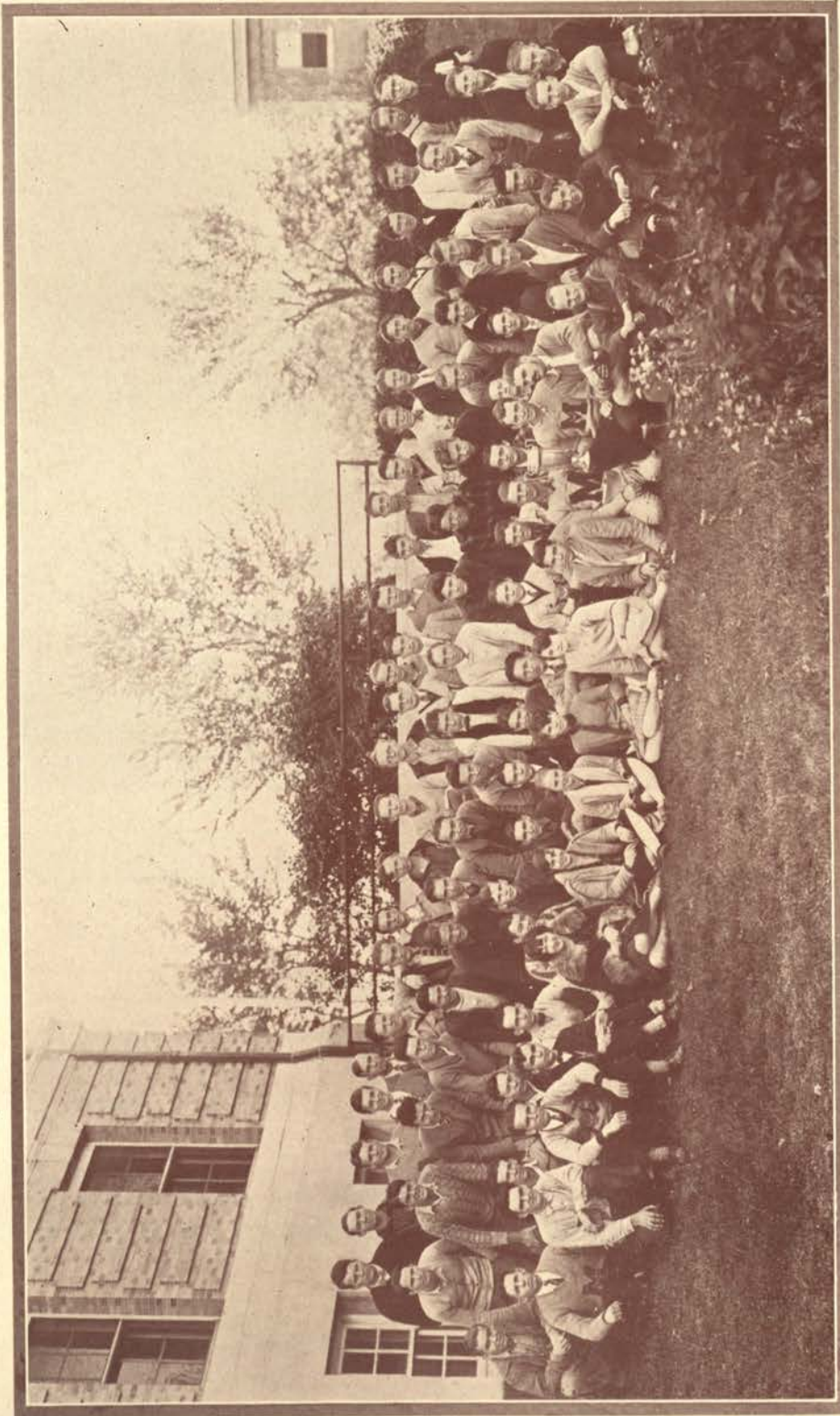
J. E. Antener
P. M. Berry
Mrs. Mary P. Bradford
R. W. Campbell
R. W. Couch
D. H. Crumbaugh
E. E. Decker
S. A. Grantham
J. H. Hahn
A. L. Hill
J. J. Livingston
C. J. Melles
O. D. Niedermeyer
B. H. Slates
W. S. Temples

JUNIOR—

B. L. Ballard
F. Beatty
N. F. Bohne
H. C. Bo'on
R. A. Bryant
J. P. Burgoa
R. W. Cavanaugh
E. A. Crawford
G. E. Crays
B. N. Daniloff
W. L. Drake
A. T. Gardner
J. G. Grohskopf
E. T. Harvey
F. W. Jr. Hoertel
C. H. Jennings
C. W. Johnson
H. G. Jones
W. C. Jones
A. H. Kemp
E. R. Kirn
F. A. McCurdy
E. Merckling
D. B. Meshevesky
A. J. Miles
Agnes Nawn

FRESHMAN—

V. F. Ancell
W. L. Andrews
H. D. Arnold





Co-Eds

And here are those among us who change the whole trend of our school; everyone feels their influence, even Prof. Garrett, and we wish there were more to help make M. S. M. co-ed in fact as well as in name. But even at that we wonder just the why and how of a co-ed engineer.



THE MINERS' BAND

The Miners' Band was organized in September, 1926, with the following officers and a membership of twenty-two:

ED. HUNZE, *President*; J. MAPLES WILSON, *Secretary-Treasurer*; JOS. MARTIN, *Drum Major*

JOHN W. SCOTT, *Director*

The Band's activities during the year 1926-27 included three out-of-town engagements, music at the football games at Rolla, the Washington U. game at St. Louis, the military parade and St. Pat's. They also gave three concerts in Parker Hall and furnished music at the Commencement exercises.

Regular rehearsals were maintained throughout the year. At their last meeting in June, 1927, the following officers for 1927-8 were elected:

L. E. REEVE, *President*; L. F. VANSICVER, *Secretary-Treasurer*; JOS. MARTIN, *Drum Major*

JOHN W. SCOTT, *Director*

At the opening of school last September a resumption of their regular rehearsals brought out nearly all of the former membership together with ten new men.

Up to the present this year the band has given two concerts, played in the military parade, the football and basket ball games at home. They again accompanied the football team to St. Louis for the game with Washington U.

Several out-of-town engagements are scheduled for this second semester.

Regular rehearsals are held on Tuesday night of each week, 7:30 to 9. Any student of the school who has a fair knowledge of music and experience on any band instrument is eligible to membership and is urged to join.

No fee or expense of any kind is required of the members. Following is the roll for 1927-8:

Clarinets: Mollett, Wallingsford, Crum, King.

Trumpets: Reeve, English, Phelps, Kaveler, Ross, Kilpatrick, Hoffman, Followill.

Saxophones: Circal, Meeka, Hangosky, Hagerty.

Horns: Kaveler, Hillar, Johns, Tennis.

Trombones: VanSciver, Dowding, Hudson, House, Moreland, Lentz.

Baritone: Brant.

Basses: Potter, Jones.

Drums: Reger, Allen.

Mr. Scott, the director, who is an old student of the school, with the experience of over forty years in band and orchestra work, is enthusiastic in his efforts with the band.

It is thru his courtesy that the organization has access to a library of good band music as well as the use of a number of high grade instruments not owned by the individual members, free of charge.





MILITARY



R. O. T. C. BATTALION

Military

Throughout the country in recognized schools and colleges have been established approximately two hundred and fifty units of the Reserve Officers Training Corps. These units are divided into four different classifications depending upon the type of institution and the proficiency of the military instruction attempted at each.

First under this classification is the essentially military college or university granting degrees and where all students are habitually in uniform and constantly under military discipline. Virginia Military Institute is a well known example of this class.

Into the second classification fall those essentially military institutions which do not grant degrees and the average age of the students upon graduation is less than twenty-one years. Kemper, Wentworth and Missouri Military Academy are examples of this type of institution in this State.

Under the third classification come such colleges and universities, including land-grant institutions, which are not essentially military in character but grant degrees upon graduation and offer elective or compulsory courses in military training. The University of Missouri, St. Louis University, Washington University and our own school are examples in Missouri of this classification of R. O. T. C. units.

The fourth and last division embraces all institutions maintaining R. O. T. C. units which cannot be classified under the preceding qualifications and which at present are composed mostly of high schools and junior colleges maintaining an especially high standard of military instruction and soldierly discipline. The units operating at the Kansas City and Joplin High Schools are examples of this last classification.

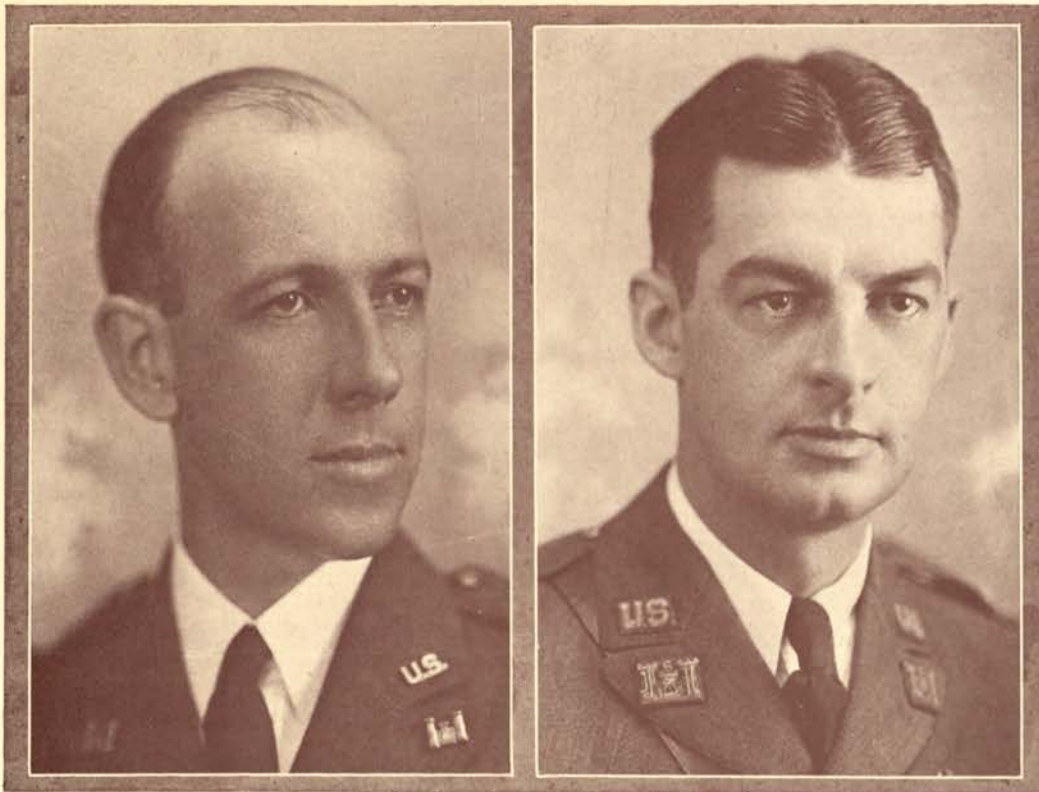
The primary mission of the R. O. T. C. is the procurement of well trained young men who will enter the reserves of the Army of the United States to serve in case of a national emergency as officers in the branch of the service in which they are best adapted. So far the units throughout the United States have produced about forty thousand reserve officers and attempt to add additional officers for expansion and replacement at the rate of five to six thousand each year.

The R. O. T. C. unit at this institution was established in March, 1919, and at the end of its first school year had an enrollment of 104 students with three in the advanced course. At present the unit consists of approximately 200 men with 35 men in the advanced course. Upon completion of the advanced course these men will be commissioned in the Officers' Reserve Corps.

The highest honor that can be received in the advanced course is to be appointed Cadet Major of the Battalion. Through the Director and with the consent of the Board of Curators, the student receiving this appointment is made exempt from all fees and deposits required during the Senior year. This scholarship was won this year by John R. Heckman.

Our unit is organized into a battalion of four companies with a battalion staff and company officers. Officers and non-commissioned officers are appointed according to rank from the several classes so that a student receives a higher rank each year as he advances in training. The common assembly drill hour for all students in the unit has been at eleven o'clock on Wednesdays during this school year.

It is the general impression among outsiders that the courses offered in military training consist entirely of drilling. As a matter of fact, the time spent in drill is by far the smallest portion of the training. Three hours each week are spent in the class room where technical subjects concerning military and civil practice are taught. This information is of considerable value to the student in his chosen profession although it is essentially military in character.



CAPTAIN MOORE

LIEUTENANT WALTER

KENNETH M. MOORE, Captain, Corps of Engineers, United States Army. Graduated from U. S. Military Academy in 1917; graduated from Massachusetts Institute of Technology with B.S. in C.E. in 1921; completed company officers' course, Engineer School Fort Humphreys, Virginia, in 1925; on duty as Professor of Military Science and Tactics at Missouri School of Mines since September, 1925.

EDWARD H. WALTER, First Lieutenant, Corps of Engineers, United States Army. Graduated from Norwich University, Northfield, Vermont, with degree of B.S. in C.E. in 1921; entered Army by competitive examinations in 1921; completed basic course, Engineer School, Fort Humphreys, Virginia, in 1922; on duty as Assistant Professor of Military Science and Tactics at Missouri School of Mines since May, 1925.

ARTHUR SCOTT, Technical Sergeant, Detached Enlisted Men's List, United States Army. Entered service in 1913 in Signal Corps. Transferred to Corps of Engineers and served in Vera Cruz, Mexico, during Mexican trouble; stationed in Texas, Panama, Kansas, Ohio, and Virginia before war; commissioned during war as Lieutenant; upon discharge in 1919 re-enlisted and assigned on duty as Assistant to the Professor of Military Science and Tactics at Missouri School of Mines.

The ROLLAMO

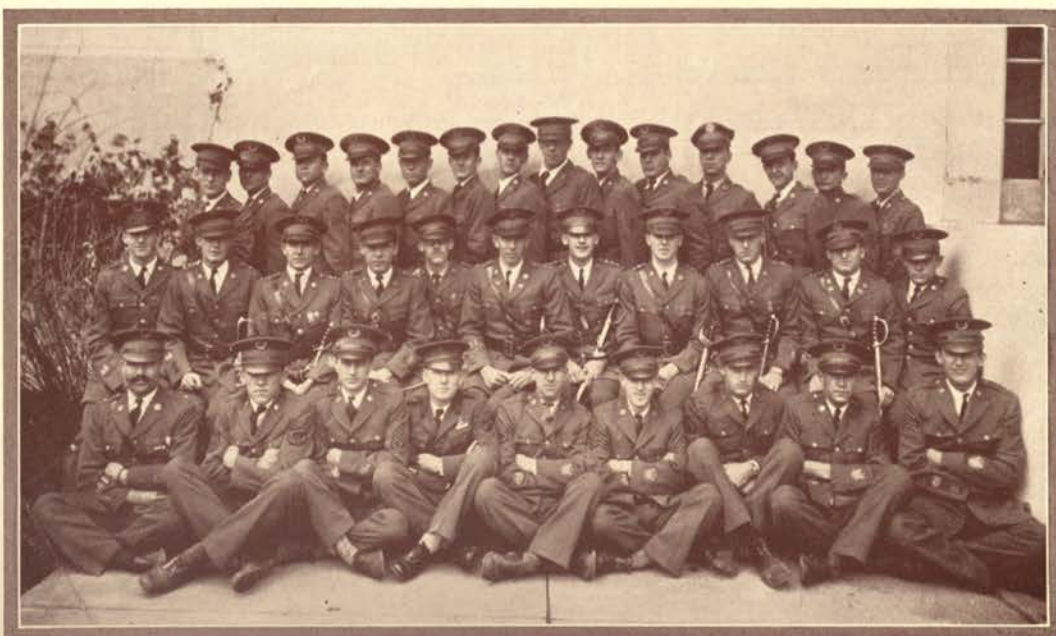
CADET OFFICERS



JOHN R. HECKMAN, *Cadet Major*
ROBERT W. COUCH, *Cadet Adjutant*
P. J. BOYER, *Cadet Captain*

A. P. BERRY, *Cadet Captain*
C. W. AMBLER, *Cadet Captain*
C. L. SALLEY, *Cadet Captain*

THE ADVANCED COURSE



1928

The ROLLAMO

ROSTER OF BATTALION

JOHN R. HECKMAN, *Cadet Major*
ROBERT W. COUCH, *Cadet Adjutant*

COMPANY A

P. J. Boyer *Cadet Captain*
L. J. Burg *Cadet First Lieutenant*
E. C. Miller *Cadet Second Lieutenant*
W. F. Fruit *Cadet Second Lieutenant*
C. W. Johnson *Cadet First Sergeant*

CADET STAFF SERGEANTS— CADET PRIVATES—

D. W. Smith	V. Ancell	J. C. Miles
M. E. Suhre	E. T. Anderson	C. E. Morrison
CADET SERGEANTS—	O. O. Anderson	E. R. Morrison
H. G. Jones	V. M. Ashby	H. J. Murphy
J. H. Hahn	B. A. Barnes	M. F. Murphey
CADET CORPORALS—	M. J. Bertini	G. M. Pace
N. F. Bohne	H. D. Bohne	G. A. Page
C. R. Breckenridge	N. D. Davis	R. D. Pointer
J. L. Bremmer	J. C. DeFoe	B. H. Rucker
A. Brent	E. P. Dowding	W. B. Schofield
W. B. Dimond	H. M. Eaton	A. C. Shearer
G. A. Ernst	M. A. Foreman	L. D. Stogsdill
W. Farrar	M. H. Graening	S. A. Stone
R. L. Kirkpatrick	A. Gunther	N. F. Tamm
F. B. Schultz	M. Hassler	J. M. Terry
	E. W. Heilig	S. J. Tompach
	J. N. Loupe	W. R. Towse
	J. E. McCarthey	B. W. Treible
	P. McDonald	P. J. Trotter
	C. Mackey	L. P. Tuttle
	A. R. Maune	E. G. Walter
		J. L. Young

COMPANY B

A. B. Berry *Cadet Captain*
S. A. Grantham *Cadet First Lieutenant*
J. G. Donaldson *Cadet Second Lieutenant*
J. J. Livingston *Cadet Second Lieutenant*
M. A. Sharp *Cadet First Sergeant*

CADET STAFF SERGEANTS—

H. C. Bolon	L. H. Bray	R. W. McClusky
R. A. Bryant	W. Brewer	W. H. Makin
CADET SERGEANTS—	R. A. Brower	J. H. Martin
T. O. English	E. K. Damotte	D. B. Meshevsky
F. E. Tucker	V. O. Dodson	E. G. Miner
CADET CORPORALS—	I. J. Diver	A. A. Mitchell
C. W. Grate	T. J. Dover	H. J. Moreland
C. J. Grimm	V. Fields	T. F. Murray
G. F. Heath	V. I. Fisher	A. Naffziger
C. M. Hess	L. B. Fox	A. L. Perti
H. F. Kirkpatrick	J. J. Harmon	L. F. Pummill
F. P. McCarthey	C. H. Hell	A. J. Reid
C. W. McCaw	H. R. Herron	R. O. Salyers
J. L. McCumber	H. C. Hill	J. E. Scally
E. Meeka	A. W. Hoggard	C. M. Smith
E. H. Woodman	R. J. Hopp	V. F. Stein
CADET PRIVATES—	M. R. James	A. J. Tiefenbrun
W. T. Achor	H. W. Johnson	N. Trail
R. B. Allen	R. A. Kelly	G. W. Ullrich
	J. E. Kitchen	C. A. Wentz
	A. A. Livingston	

The ROLLAMO

COMPANY C

C. W. Ambler.....*Cadet Captain*
 R. P. Baumgartner.....*Cadet First Lieutenant*
 J. F. Orr.....*Cadet Second Lieutenant*
 J. F. Gage.....*Cadet Second Lieutenant*
 R. S. Dittmer.....*Cadet First Sergeant*

CADET STAFF SERGEANTS—

A. H. Kemp
 M. C. Christine

CADET SERGEANT—

F. E. Wenger

CADET CORPORALS—

G. W. Douglas
 R. R. Gast
 F. R. Harrington
 C. C. Juhre
 R. D. McNail
 P. E. Moore
 W. R. Powell
 L. M. Wallingford
 G. C. White

CADET PRIVATES—

A. R. Baron
 E. H. Bartram
 J. E. Barton
 P. M. Brackman

G. E. Brown
 U. W. Busch
 J. N. Conley
 R. D. Critchlow
 B. M. Davenport
 M. A. Dillingham
 B. S. Followill
 W. E. Gilmore
 J. B. Gottsberger
 E. J. Gregory
 R. L. Hagerty
 C. W. Hangowsky
 C. K. Harrington
 E. L. Harris
 R. R. Herrell
 H. I. Hill
 W. B. Holladay
 L. E. Honnald
 A. K. Horrom
 J. H. Hultz

R. C. Ledford
 W. W. Little
 W. L. McCracken
 E. C. Meckfessel
 T. R. Morgan
 F. X. Morrison
 C. O. Nelson
 J. N. Palmer
 R. F. Payne
 J. D. Shelton
 R. L. Siddall
 C. Smith
 T. J. Sullivan
 C. C. Thompson
 R. T. Wade
 H. R. Wallace
 C. S. White
 L. A. Wilson
 G. J. Zell

COMPANY D

C. L. Salley.....*Cadet Captain*
 H. B. Moreland.....*Cadet First Lieutenant*
 W. K. Schweickhardt.....*Cadet Second Lieutenant*
 B. Y. Slates.....*Cadet Second Lieutenant*
 H. C. Page.....*Cadet First Sergeant*

CADET STAFF SERGEANTS—

O. W. Morris
 J. P. McGraw

CADET SERGEANTS—

H. R. Osterwald
 J. O. Letts

CADET CORPORALS—

A. P. Heiser
 L. R. Lacy
 R. M. Lacy
 E. C. Long
 K. H. McFann
 R. S. Martin
 R. J. Martin
 P. E. Moore
 C. E. Ross
 W. J. Sabo

CADET PRIVATES—

N. W. Adolph
 W. L. Andrews

G. L. Ballard
 K. C. Bassett
 L. M. Bolon
 H. E. Carner
 R. W. Cavanaugh
 C. R. Chevalier
 T. F. Donlon
 T. M. Gaffey
 T. V. Galbraith
 R. D. Garrison
 R. R. Gerling
 H. T. Gibbons
 A. Harrison
 R. N. Heuchan
 J. A. House
 R. G. Hudson
 L. H. King
 A. C. Kroll
 F. C. Lentz
 H. B. Long

T. E. Lydon
 S. W. Moran
 R. J. Needham
 W. Nicodemus
 L. E. Rainey
 E. M. Ray
 L. E. Reeve
 V. C. Rogers
 J. B. Rucker
 J. E. Stokes
 E. B. Strong
 S. C. Taylor
 L. G. Tennes
 M. L. Tieman
 V. S. Totty
 M. E. Ueltzen
 D. A. Webster
 R. Z. Williams
 H. W. Wilson

Summer Camps



FORT LEAVENWORTH

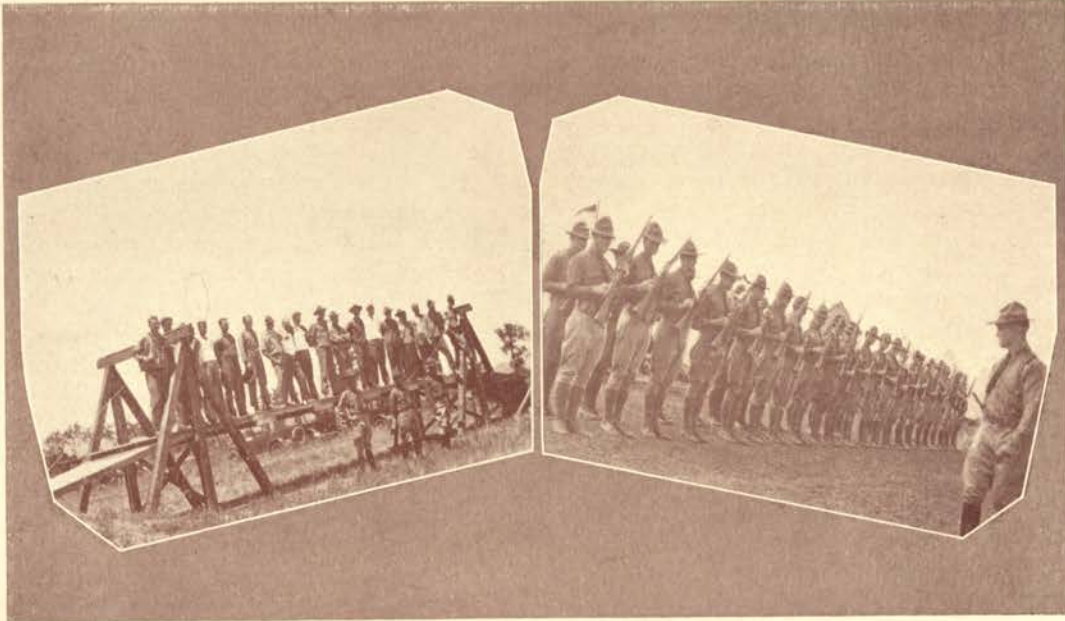
Last summer the Seventh Corps Area Engineer Camp was moved to Fort Leavenworth, Kansas, along with the Infantry units of Missouri, Kansas and Arkansas. All the Miners will agree this was a good move and they are all glad they were able to attend.

Since the camp was in its first year, all issued equipment, with the exception of rifles, was new. Little can be said of the rifles, except an incident was reported that structural steel men had been testing the barrels in bending machines.

Jack Gage, John Heckman, "Ducky" Moreland, Louis Burg, Rupert Baumgartner, "Toughy" Ditmer, and Dave Moulder were the Miners who attended the camp at Fort Leavenworth.

The food was very good and it was reported the "spiritus fermenti" was likewise. Our officers were all they should be and under their supervision we built trestle, suspension, light pontoon and heavy pontoon bridges, worked various field problems in scouting and patrolling, spent quite a time on the range, and last but not least, received a lot of instruction in riding.

We should be proud of our one-man track team, Dave Moulder. Dave, along with his firsts in the high-jump and pole vault, and our handicap, won the meet for the Miners. From all angles the camp was a great success, and aside from the practical instruction received, all the Miners carried away with them pleasant memories of the dances and parties held for them by the camp hostesses.



FORT LOGAN

The R. O. T. C. unit of the Missouri School of Mines was represented at Fort Logan last summer by six cadet officers. This camp is not in our corps area, and, heretofore, had been used exclusively by the Colorado School of Mines.

Lewis Springer, Jim Lemon, Art Berry, Phil Boyer, Sam Grantham and John Hahn were the Miners who attended the Camp at Fort Logan.

The rest of the camp was made up of officers and students of the Colorado School of Mines, making a total of sixty students.

The living quarters were tents along a company street situated in the Army Post of the 2nd Engineers, Regular Army.

The six weeks training consisted largely of engineering work such as field fortification and bridge building, together with some combat tactics and close-order drill.

The feature social function of the summer was a dinner and dance given at the post for the reserve officers and their guests. Transportation and dates were furnished for those who needed them, and with the elite of Denver's "Fair Sex" in attendance, the party was a huge success.

The last two weeks of camp were spent on the rifle range, where the Miners made a good showing as marksmen.

HAMLET

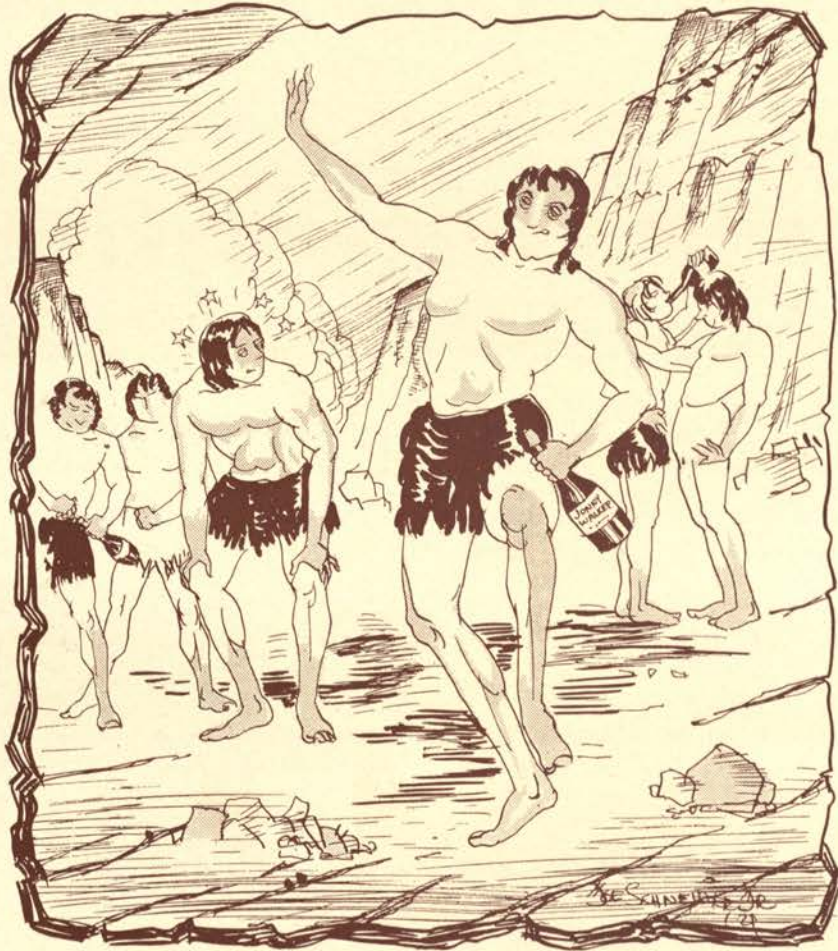
By Newman Levy

Last night the boss slips me a ticket,
Fer a show by the name Barrymore,
What was wrote by a bird they call Hamlet,
An' believe it or not, kid, I'm sore.
Fer it's gloom from the moment it opens
Til' the time the theayter shuts,
An' the company's half o' them loony,
An' the rest o' the cast is all nuts.
This Barrymore lad is called Hamlet,
But his real name's George W. Gloom.
He's a regular life o' the Party,
He's as jolly an' gay as a tomb.
His old man was King o' the Denmarks,
An' the poor simp's gone weak in the
bean,
Fer his dad has been croaked by his uncle,
Who, right afterwards, marries the
Queen.
So young Hamlet just hangs around sad
like,
An' he talks to hisself like a nut,
But as yet he ain't hep that his father
Was bumped off by his uncle, the mutt!
One night he slips out o' the castle,
An' goes up on the roof fer some air,
When along comes the ghost of his father,
An' he shoots him an earful fer fair,
"That lowlife, your uncle, has croaked me,
An' has went off an' married your ma.
Will you let that rat hand you the ha ha?"
Says Hamlet, "Just notice me, pa!"

Young Ham has a frail called Ophelia,
An' her pop is a dreary old goof,
An' they can't dope why Hamlet's gone
batty,
They don't know what he seen on the
roof.
Well, Ham goes an' calls on his mother,
An' he bawls the old girl out fer fair,
Then he sees sometin' move in the curtain
An' he thinks that the uncle is there.
So he jabs with his sword thro' the curtain
An' he cries, "Now we're even my lad,"
But it isn't the King, but Polonius,
An' he's killed poor Ophelia's old dad.

Then Ophelia, poor kid, just goes daffy,
When she hears how her old man is
crowned
An' she goes around singing like crazy,
Till she walks in the lake and gets
drowned,
There's a jolly old scene in the graveyard
Where Prince Hamlet gets into a scrap
With Ophelia's big brother, Laertes,
Who wants to muss up Hamlet's map.
Then the King says, "Now boys don't act
nasty,
I know how to fight this thing out.
I've got some tin swords at the castle,
An' we'll frame up a nice friendly
bout."
Then he winks at Laertes and whispers,
"We'll knock this here nut for a gool;
I'll smear up your sword with some poison,
An' we'll make Hamlet look like a fool."
So they pull off the bout like they plan it,
But the King thinks his scheme may
slip up,
So he orders a cold drink for Hamlet,
An' some poison he sneaks in the cup.
Then Ham and Laertes start fighting,
And the King slips Laertes the wink,
But the Queen she ain't wise to what's
doin',
As she swallows the King's poisoned
drink.
Then Hamlet gets stuck in the shoulder,
An' he sees how he's framed from the
start,
So he switches the swords on Laertes,
An' he stabs the poor bum through the
heart.
Then he runs his sword right through his
uncle,
An' he says, "Well, let's call it a day."
Then the Queen dies, the King dies, and
Ham dies,
I calls it a helluva play.

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ST. PAT'S

~ 1928 ~



Miss Lucy Kiesler

—1928—



Queen of St Patrick

St. Pat's, 1928

Wherever, in this small world of ours, real men are to be found, it is certain that the fame of St. Patrick, beloved patron Saint of all engineers, has spread. History tells us of many men noted for great deeds. Among these we find the Pied Piper of Hamelin who earned fame by luring a multitude of rats from an infested town by the effects of the sweet wailing melody of a mere flute. This deed, however, was paled into insignificance by our one and only St. Pat who proceeded with small fuss, no music, and great engineering efficiency, to convert the Emerald Isle from a pagan land infested with many vices in the form of snakes, to a Christian land of good cheer. One brandishment of his trusty shillalah, a warning shout, "Be off wid yez, ye varmints!" and the snakes and all forms of evil were banished forever.

This year the gods of the upper spaces, in joyful anticipation of the spectacle of the yearly visit of that venerable old bard to Rolla, mixed the drinks perhaps a bit indiscreetly, so that the weather department erred to the extent of such a snowstorm as would have cheered the very soul of Santa Claus, and the splendor of the distant approach of St. Pat and his faithful band of followers was veiled from view by the myriad white crystals that flew through the wintry air.

What true son of M. S. M. is there, however, who could long be down-hearted for any snowstorm, when such weather provides so many excellent opportunities for the lovelorn gallant to carry his fair lady across the many muddy crossings of this fair village? Really, it takes no great optimist to divine that the snowstorms and rains that come to us each year on March 17th may have some such hidden meaning with which to bless us.

Never before, it seems, has the student population entered more whole-heartedly into the fun than on this occasion. Upon his arrival at Parker Hall "His Highness" was pleased to learn that the famous Blarney stone had been close guarded throughout the year and preserved with a greater degree of success than in times past. He was more than pleased when he perceived that, so thoroughly had the campus entered into the spirit of the season that even the petrified stump, pride of the Geology department, had donned a bright coat of green and stood forth in all the glory of its contrast with the pure white of the campus to compete intensely with the Blarney Stone for attention.

Immediately following his annual message of good cheer to the school and welcome to all of its fair guests, St. Patrick officiated in the ceremony of knighting each of his worthy Senior sons. Each aspirant to the honor of knighthood in the order of St. Pat was presented with a sheepskin and royal emblem after having been reprimanded for past deeds and commanded to kiss the Blarney Stone reverently by the fatherly St. Pat.

In the afternoon the multitude of joy seeking couples were attracted once more to Parker Hall to be entertained, this time by the M. S. M. Players in an excellent three act comedy farce, "The Whole Town's Talking." The whole town did talk, and how! for the characters were so cleverly adapted to their parts and the play so well chosen that the popular opinion was that few better plays have ever been enacted from that stage. The play served to add greatly to the enthusiasm and joyful anticipation with which the crowd was filled.

The realization of dreams of many came that evening when the crowning feature of St. Pat's festivities—the Masque Ball—with all its incomparable joy, beauty, and splendor started, and midnight approached. Never, in the history of all St. Pat's affairs had a more colorful, happy crowd of joy-seekers gathered under the emblem of the Shamrock. On every side of the onlooker were happy couples in state of mind varying from mere joy to utter bliss in proportion to the degree of friendship or love that existed. As midnight struck a blare of trumpets was heard. The heralds announced the approach of St. Pat, and as he entered in all his glory and approached his throne, the orchestra struck up his favorite ballad, "The Wearing of the Green." An expectant hush swept over the crowd as the order Kow Tow was given, and as the multitude bowed before the royal order, the procession of former queens entered and moved with stately grace toward Saint Patrick, high ruler in the realm of love and beauty. First in the lovely procession came Mrs. H. G. Anderson, St. Pat's Queen 1919. She was immediately followed by Miss Helen Underwood, Queen of 1925, and Mrs. Lorraine Love Brickner, last year's St. Pat's Queen. Then preceded by the two maids of honor, Miss Betty Harlan and Miss Madge Lennox, came the St. Pat's Queen of 1928, Miss Lucy Kiesler. In all the glory of her radiant loveliness, she approached the throne of St. Pat, attended by the flower girls, crown bearer, and her escorts. The grace and beauty of our queen so completely won the crowd that the crowning ceremony was greeted with a tremendous burst of applause amid which St. Pat welcomed the fair Queen to rule beside him over the festivities. The recessional, led by St. Pat and his Queen, after a brief stay upon the throne, marked the ending of the most important event of a wonderful night of fun. Then, "on with the dance," and Irving Rothchild's Club Avalon Orchestra from St. Louis started willingly in the production of such music as captivated the crowd and added greatly to the striking effect of the riot of color in the hundreds of brilliantly costumed dancers. Words fail in the description of the attire of the joy seekers that night. Impersonations of many characters varying from fairy queens to Spanish Senoritas and Gypsy Girls, and from Louis XIV to Buffalo Bill, were not lacking in any sense. Tiny beams of varicolored light, reflected from the revolving crystals hung from the ceiling, darted swiftly among the crowd and into the darker corners, revealing everywhere an

abundance of happiness and beauty. Not until four o'clock in the morning did the final strains of melody sound from the musicians, and then it was with a promise of more of the same sort of thing on the following night. Wearily but happily the joy seekers sought the soothing arms of Morpheus as the stars on the eastern horizon began to dim with the promise of approaching dawn.

The snow-covered town of Rolla was not quite such a lively place that morning. However, an inventory of all guests at noon would have disclosed all present, and rapidly reviving in energy, disposition and appetite, despite the usual complaints of sore feet and other minor ailments. The afternoon passed very swiftly as all happy hours do. An open house Tea Dance at the K. A. house invited the favorable attention of many of the guests. There, all cares and aches vanished and as the crowd moved gradually on toward other pursuits such as taking numerous snapshots for memoirs, happiness reigned again supreme.

Twilight of that day saw the pepped up crowd in hurried preparation for the formal dinner parties at the fraternity houses. It is certain that each of these individual affairs was a glorious success, so that when the couples once more entered the gym to participate in the Formal Junior Prom they seemed in a state of happiness unequalled even by the occasion of the Masque Ball the night before. But it seemed that an entirely different crowd populated the Palace of the realm of love and beauty! Gone was the violent desperado of the night before, and in his place an immaculately groomed figure clad in formal attire. On his arm was seen, not the daring Gypsy dancer, but a beautiful lady clad in an enchanting jeweled gown. It seemed that the contrast between the two nights served in no small measure to enliven the interest and satisfy any desire for great variety that might have existed.

Music, at its inspiring best, thrilled the dancers and transported them to a dreamland of happiness that lasted through the golden hours of the last night of St. Pat's celebration of this year. Cupids stock took an enormous rise that night and many a son of St. Pat became an ardent worshipper at the shrine of the Goddess of Love. It is no wonder then, that many a heart contracted with an indescribable feeling of combined bliss and sorrow when, after a perfect final dance number, the strains of a familiar, beloved song sung by many full baritone voices and accompanied by the orchestra, reached the ears of the listeners—"I'm a ramblin' wreck from Rolla Tech—A Mining Engineer."

With the reluctant departure of the guests from the gym came the end of one more perfect St. Pat's celebration, and upon the record of happy events that thrilled the hearts of the many guests of M. S. M. throughout every hour of their stay here may be written "It was a jolly St. Pat's."



The ROLLAMO



1928



ODDS and ENDS

HOME COMING 1927

Over half a hundred "Hardhocks" made the 1927 home-coming a success. On Thursday, October 14, the alumni started coming into our fair city, and every train saw a few more drop in to pay their respects to their Alma Mater, and re-visit the haunts of the days when they were pursuers after that illusive substance known as knowledge.

Thursday afternoon and Friday morning were spent in renewing old acquaintances, and telling stories of "Now in my Junior year."

On Friday afternoon the football game with Central College was on tap. The game was a thriller from beginning to end, and it was not until the last half of the fourth quarter that the winner could definitely be picked. The Miner and Central bands added materially to the spirit of the whole affair.

Friday evening was the alumni banquet, at which all the grads strutted their stuff in fine style. Then on Saturday evening came the Alumni Association dance for alumni and Seniors, which was held in Jackling Gym. This affair brought to an end a glorious home-coming, and one that will long be remembered by those attending.

A partial list of the visitors is as follows:

E. R. Tragitt, '23, Desloge, Mo.
M. P. Weigel, '23, East St. Louis, Ill.
D. N. Griffin, '26, Joplin, Mo.
G. R. Dean, '91, Rolla, Mo.
I. C. Owen, '19, Joplin, Mo.
F. B. Powell, '06, Rolla, Mo.
W. C. Powell, '21, Rolla, Mo.
H. R. Hanley, '01, Rolla, Mo.
H. A. Neustaedter, '16, Desloge, Mo.
E. E. Decker, '17, Rolla, Mo.
L. E. Garrett, '01, Rolla, Mo.
Jno. W. Scott, '89, Rolla, Mo.
A. W. Walker, '24, Rolla, Mo.
W. C. Richards, '07, Webster Groves, Mo.
C. Y. Clayton, '13, Rolla, Mo.
G. J. Christner, '22, St. Louis, Mo.
M. P. Brazill, '20, St. Louis, Mo.
L. H. Goldman, '18, St. Louis, Mo.
E. K. Schuman, '21, Rolla, Mo.
B. S. Followill, '06, Rolla, Mo.
O. Goldsmith, '19, Cisco, Texas.
H. S. Clark, '18, Abilene, Texas.
A. L. Cairns, '21, Rolla, Mo.
M. H. Thornberry, '12, Rolla, Mo.

M. N. Bedell, '23, St. Louis, Mo.
A. A. Boyle, '25, St. Louis, Mo.
C. C. Smith, '26, St. Louis, Mo.
R. F. McCaw, '27, Rolla, Mo.
H. W. Mundt, '21, Rolla, Mo.
F. C. Schneeberger, '25, St. Louis, Mo.
W. C. Zeuch, '18, Rolla, Mo.
C. E. Bardsley, '20, Rolla, Mo.
G. R. Scott, '24, Rolla, Mo.
D. F. Walsh, '23, Rolla, Mo.
E. A. Goodhue, '27, Rolla, Mo.
H. H. Kaveler, '27, Rolla, Mo.
C. B. Weiss, '27, Rolla, Mo.
R. M. Rankin, '27, Rolla, Mo.
O. W. Holmes, '10, Rolla, Mo.
F. P. Matlack, '25, St. Louis, Mo.
S. L. Gladden, ex-'28, Turley, Mo.
B. Orchard, ex-'28, Springfield, Mo.
Thos. Dawson, Kansas City, Mo.
T. R. Thomas, Kansas City, Mo.
E. Wander, St. Louis, Mo.
Roy Guenther, '27, St. Louis, Mo.
F. S. Douglas, '27, Wood River, Ill.
A. E. Barnard, '27, St. Charles, Mo.

STATION 9 F. A. A. BROADCASTING

MISSOURI SCHOOL OF MINES

(License Granted Feb. 8, 1928)

A cheer-leading, courting Daper Dan, from Cleveland, Ohio, a willing leader with a small following. Ladies and Gents; Buddy Gott.

You know we've read about sheiks, seen sheiks in movies, and talked about sheiks. The closest we came to one in real life is our own Dick Draper. Hail to Kansas City Draper. Hats off to the Missouri School of Mines gift to women.

Please cut my hair, said Lynden
To the man in the barber shop;
And I want it cut just like Bill Temples',
With a little round hole on top.

"Boots" Clayton was getting too good for our golf course so they just got out the ditch digger and put in another hazard. Here's where you lose a few more nickels, "Boots."

Lucky Lindy up in the skies; Lindy has nothing on Hollow. Anybody who wins four prizes at a raffle must keep his fingers crossed all the time.

Bottles, bottles, everywhere and not a drop to drink. The certain house after the Christmas dance.

We still have a chance men. Ambler got one.

We hear that Terril has discontinued his country visits.

Some of the boys I've seen on the bleachers at nite didn't have Polaris on their minds.

Does Fruit read all the books he draws from the library?

According to the school statistics, we have a student from Turkey. I suppose over there it is Turkey, Turkey everywhere and not a bite to eat.

I wonder where my baby is tonite. That's what 504 of us are wondering. Oh, I forgot, Buddy Sturgis can go over and find out. 503 I should say, men.

I see that the Kappa Sigmas are making their grass more beautiful.

Hairy Man! Yep, that's some growth, Livingston.

CALENDAR

- Sept. 7—Registration: "Ikey" takes the "pep" out of everybody.
- Sept. 12—Class of '31 duly initiated and shown its position in M. S. M.
- 22—The Lambda Chi's open the social season with a dance.
- 23—The Mercier Club, not to be out done throw one right back at the girls.
- 24—Kappa Sigma pledges also introduced to Rolla nite life.
- 30—The Miners win their first game from Shurtleff, 7 to 0. Bonanza's dance or else—
- Oct. 7—And so do the Merciers again.
- 7—All the boys leave Rolla feeling fine. Some don't know how they felt.
- 8—Just once again Washington takes us down—13 to 0 this time. Did we say Washington—or Washington plus officials?
- 11—Pi K. A.'s become socially inclined and give the girls a treat.
- 13—K. A.'s throw a mean pledge dance.
- 14—Central makes it two in a row for us 21-7—tuff.
- "Old Grads" begin to pour in.
- Tau Bates entice some more innocent men.
- 15—Faculty dance at gym—Sigma Nu frosh seem to think that it was given for them.
- 21—Junior dance—well now maybe we have St. Pat's—first real evidence—Ray.
- 22—Arkansas adds another black mark to our team. 34-0 score—and the way that grandstand razzed. And "Thorny" excused those that hit the hiway to that game—more power to him—.
- 29—The team left for St. Louis with good intentions, but they don't win games 17 to 0—we lose.
- Big Hallowe'en dance.
- 31—Kappa Sigma Formal—where was the cider barrel?
- Nov. 5—Ah! The team gets going and ties Kirksville, 13-13.
- Grubstakers give their pledges their first good time.
- 12—Drury down the line to the tune of 13-8—now we're going better.

- Nov. 18—Sigma Nu's have a country dance—including everything.
19—Bonanzas' have a dance but something went wrong—and so they danced.
24—Being Thanksgiving we have no classes—my gawd.
 Lambda Chi's give a dance in honor of the Puritan Fathers. It's just as well
 tho', that the good fathers weren't there.
26—Freshman—by brute strength, take the sophomores down in their annual
 game of football. Green caps off.
- Dec. 1—Having no more days left in November this, then, begins a new month.
4—Q V's initiation—not as bad as usual.
13—Prospectors again make the girls happy.
14—Football banquet—good old Miner spirit (s).
16—Merciers' have a dance—attaboy!
17—K. A. formal Xmas dance—starting Xmas celebration early. And so ends
 school in A.D., 1927.
- Jan. 3—School reopens.
4-5-6—St. Louis again throws the hooks into us—46-27—ouch.
20—Semester ends. The finals end a few of the frosh and 3 semester boys, too.
21—A good time, a very good time, is had by all—if you know what we mean.
23—Triangle installation dance—did the school welcome them?—huh—the gym
 was too small.
24—More money out—what good was it anyway? I'll bet Ikey gets a headache.
25—A new semester—The faculty still having a hangover.
30—Central wins.
31—We win and would have had a free show if it hadn't been for the valor of
 our minute men with their 45's.
- Feb. 4—Drury comes and goes with a victory.
11—Kappa Sigs' valentine dance. A new one on us, but it must have been good.

- Feb. 16—Bill Jewell gives us a set back with a 34-30 score. The frosh think they can run the school—but found out different?
- 17—W. J. again defeats us—but the frosh have learned a lesson?
- 18—Junior dance at the Gym—a straw vote for St. Pat Queen is held but the right party did not win, so the independents fail to announce the victor.
- 25—Freshman dance—and HOW?
- 29—Springfield teachers teach us a little basket ball to the tune of 60-23.
- Mar. 2—But the season is finished in glory for Tarkio falls 33-17.
- 9—M. S. M. over KMOX—let's tell the world.
- 12—It Won't Be Long Now.
- 14—Ah! St. Pat is almost here—and the Kappa Sigmas and Pi K A's start to get pepped up.
- 16—Better than a circus—and a wow of a dance—looks like a Co-ed School, in fact as well as in name, to see our campus now. Don't ya wish they'd stay?
- 17—And in a final blaze of happiness, St. Pat said goodbye until 1929.
- 18—Just one fond goodbye—aye and prepare for work son.
- 19—Why have a quiz on this day—oh my head.
- 23—And Seniors now plan their trips.
- 26—M. S. M. over WOS—good reception.
- April 1—Ha!—One on You.
- 8—Vacation—big Easter vacation.
- May 18—And no more study for Seniors.
- 20—Baccalaureate address.
- 24—Commencement exercises.

And that's all

Straight from the Class Room

CrS—Chronic sulfate.

Calorie—Small piece of heat.

MnCo₃—Miginises carbo tri-oxide.

Allotropic forms—material which is not in the form which it is supposed to be in

COCl₂—Carbonious chlorate.

Sb(CNO)₃—Anonymous cyanate.

Oil of vitriol—Physic.

Titration—To pop off.

Amorphous—The element as is.

* * * *

HEARD IN SOLID SEOMETRY LECTURE

Prof. Mann (discussing the shape of an object): What do we mean when we speak of human figures?

Voice in rear: "Curves, brother, curves."

* * * *

Drake: Professor, in designing this boiler should we use Lutewiler's formula for flat heads?

* * * *

They lift their eyebrows.

They heighten their complexions.

They tilt their chins.

They raise their voices.

They elevate their spirits.

They build up their heels

They knee-high their skirts.

And yet there are some people who say that the modern girls do not devote any time on thought to Higher Things.

* * * *

Couch: There's one thing I like about my girl.

Bircher: What's that?

Couch: The guy she goes with.

* * * *

Kemp: What's that peculiar odor in the library?

Dittmer: It must be the dead silence.

* * * *

Niedermeyer: Coach, I can't get my locker shut.

Ray: Take your shoes out.

* * * *

Librarian: Isn't this book rather technical?

Freshman: It was that way when I got, it, Mam.

* * * *

Boy: This is sure a patriotic pen.

How come?

It's gone dry, my boy, gone dry.

* * * *

Absence make the grades grow lower.

Boogle: Wot did youse do last summer?

Happy: I worked in Des Moines.

Boogle: Coal or iron?

* * * *

Summer surveyor: As they show, so shall we peep.

* * * *

A COLLEGE ROLLS-ROUGH

Quite a boat is the collegiate can;
No one would own it, but a college man.
It rolls, it pounds, it rattles and shakes;
It hasn't a top and is minus brakes.
Gone is the purr of the motor of old,
Now it's a jumble of noise untold.
The polish that once like a new dime shone,
Now looks like that of an old dry bone.
Its hood so shiny and pierced with vents,
Is now all dull and full of dents.
All of the bolts now rattle and croak,
And give ample proof that they're almost broke.
The springs and framework bang and crack,
To hit a bump is to break one's back.
The tires are old and always soft,
It's a whole day's work to keep them aloft.
The cushions are worn, and the springs are through,
The padding is scarce and tacks are few.
It has no horn, but it doesn't need one—
When it takes the street all the others run.
The paint is weak and completely worn,
But a lot o' wisecracks its sides adorn.
When our heap goes by
They laugh till they cry.
But when Sunday's here,
With its lack of cheer,
Where'll we go and how come back?
The can takes us there. It's some hack,
SOME HACK!

SAGA OF A FRESHMAN

A Freshman dressed in khaki pants
And he was wondrous fair;
The Sophomores came and took them off
And left the Freshman bare.



American Association of Engineers **How of Service**

We dedicate ourselves to the service of mankind
as members of the Engineering Profession.

We consecrate our professional knowledge and skill
to the advancement of human welfare, safety
and progress.

As we benefit by the technical knowledge and public
esteem won for the Profession by the Engineers
who labored in the past, we shall ever
strive to augment that heritage before passing
it on to the engineers who are to follow.

We therefore affirm our guiding purpose:

So to live and work as to justify the trust and confidence
reposed in the Engineering Profession.

To carry out professional engagements with generous
measures of performance, and with fidelity
toward those whom we undertake to serve.

To foster a spirit of courteous consideration and
fraternal cooperation within the Profession.

To extend encouragement and a helping hand to
younger Engineers and to those in need.

To place Service before profit, the honor and standing
of the Profession before personal advantage,
and the Public Welfare above all other consideration.

Adopted by the American Association of Engineers at Philadelphia Convention, June 17, 1926.



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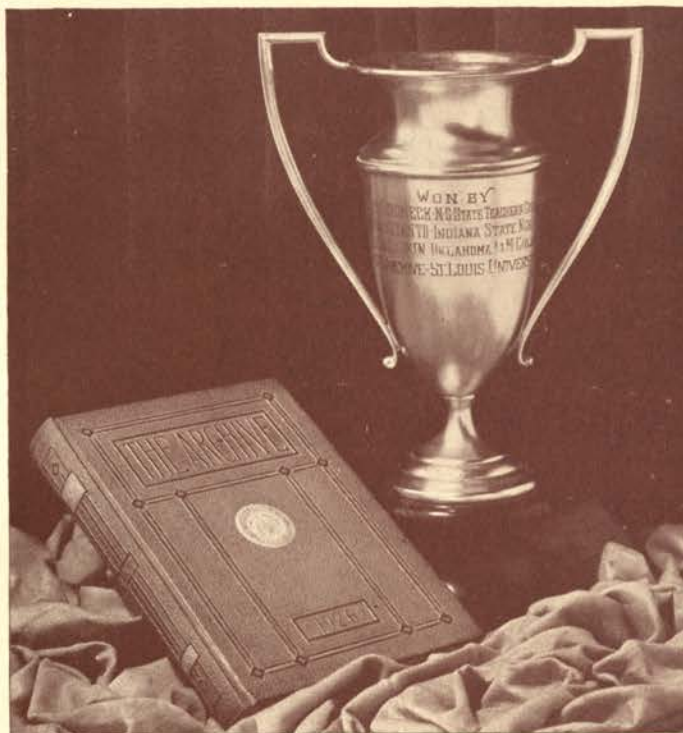
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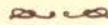
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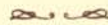
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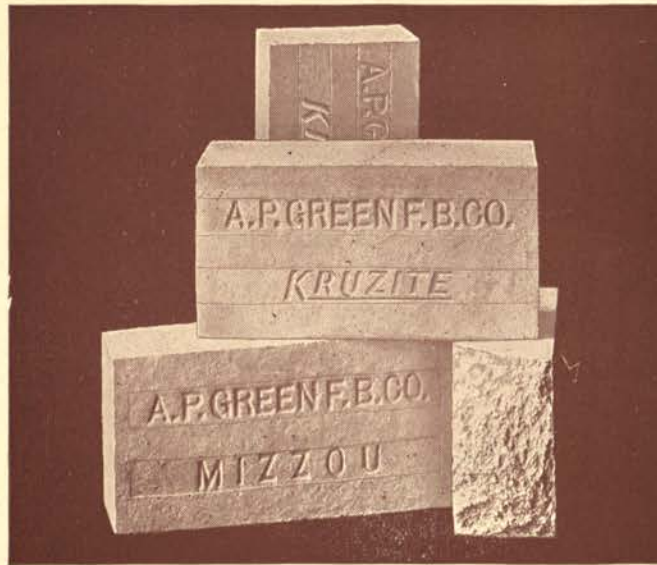
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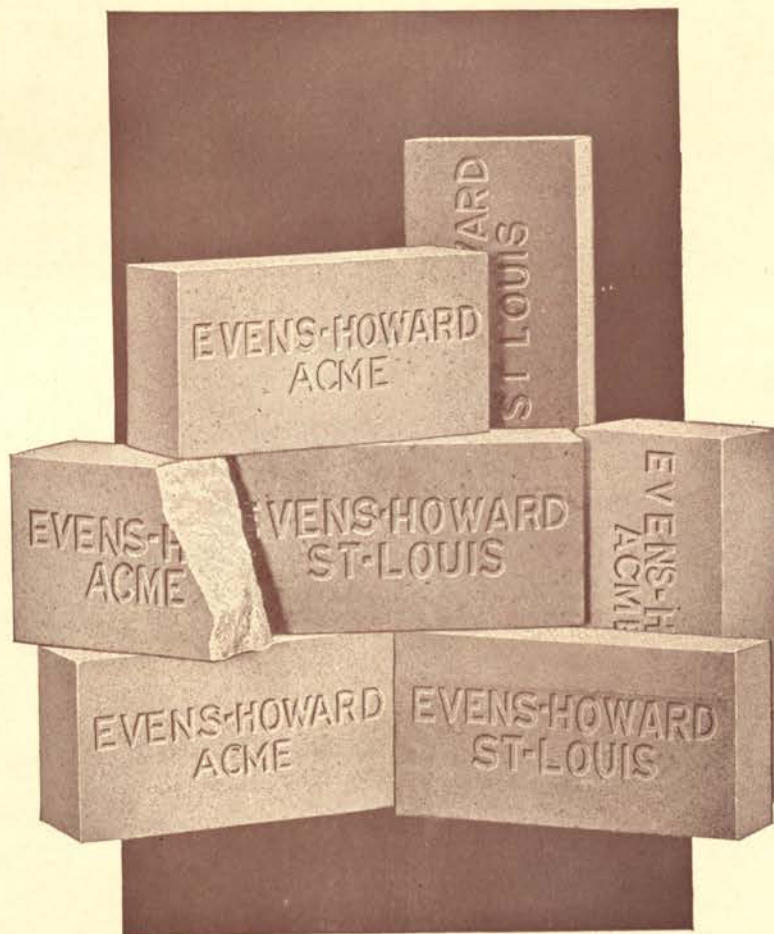
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